IBM

IBM 42U and 47U 1200mm Deep Static and 42U 1200mm Deep Dynamic Racks for System x

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At a glance

These IBM® 42U and 47U Racks and Expansion Racks are industry-standard 19-inch racks that support IBM BladeCenter® and rack-mountable IBM System x® servers and options. They enable you to set up a high-powered IT solution with the minimum amount of floor space.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: LE001).

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Overview

The IBM 42U Dynamic Racks

The IBM 42U 1200mm Deep Dynamic Rack is an industry-standard 19-inch rack that supports BladeCenter and rack-mountable System x servers and options.

42U and 47U Static Racks

The IBM 42U and 47U 1200mm Deep Static Racks are industry-standard 19-inch racks that support BladeCenter and rack-mountable System x servers and options.

The IBM 42U and 47U 1200mm Deep Static Expansion Racks are industry-standard 19-inch racks that complement the IBM Static Racks with additional rack-mounting space.

IBM 42U and 47U Static and Dynamic Racks

These 42U and 47U racks conform to the EIA-310-D industry standard for 19-inch, type A rack cabinets, and the 42U Dynamic racks have outriggers (stabilizers) allowing for movement of even large loads. Features include:

- A perforated front door allows for air flow.
- Six side-wall compartments support 1U-high power distribution units (PDUs) and switches without taking up valuable rack space.
- Cable management rings are included with the rack for customers to use for cable management.
- Easy to install and remove side panels are a standard feature on the 4PX models.
- The front door can be hinged on either side, providing flexibility to open in either direction.
- Split rear doors improve access and serviceability.
- Front and rear doors and side panels include locks and keys to help secure servers.
- Heavy duty casters with the use of outriggers (stablizers) come with the 42U Dynamic Racks for added stability, allowing movement of even large loads.
- Tool-less 0U PDU rear channel mounting reduces installation time and increases accessibility.

These 42U and 47U Static and Dynamic Racks provide an excellent solution for creating rack suites to economically support multiple servers and supporting devices.

The Expansion Racks contain the same features as the 42U and 47U Racks with the exception that, as an expansion cabinet, they do not require or include side panels. Instead of side panels, they include

rack attachment hardware as a standard feature to simplify:

- Ordering
- Shipping
- Installation
- Setup of complex rack-suite or baying installations

Also being announced

Custom Integration - Rochester

Custom Integration - Rochester is a special post-manufacturing service performed on e1350 Linux Cluster Solutions to complete the solution with the integration of preloaded operating system (OS) software, installation of customer-provided images, and/or the configuration of the loaded OS and Applications. This work is performed by Certified IBM Linux Cluster Specialists and is billed on a per-hour basis.

For information on the IBM Statement of Limited Warranty, visit

http://www.ibm.com/servers/support/machine_warranties/

Alternatively, this information is available through your IBM representative or reseller. Copies are available upon request.

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Key prerequisites

None

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Planned availability date

September 24, 2010

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Description

IBM 42U 1200mm Deep Static and Dynamic Racks

These racks include everything needed to set up a high-powered IT solution with the minimum amount of floor space. They enable comprehensive rack solutions that are ready to deploy.

The Static and Dynamic Racks feature:

- Lockable doors and side panels that all use the same key
- Thermal optimization for sustained performance
- Solid top with cable passthru access holes
- Heavy-duty casters to help safely move large loads in the rack
- A split rear door for easy access for serviceability

IBM 47U 1200mm Deep Static Rack

This rack includes everything needed to set up a high-powered IT solution with the minimum amount of floor space. It enables comprehensive rack solutions that are ready to deploy.

IBM 42U and 47U 1200mm Deep Expansion Racks

The Expansion Racks complement the Static and Dynamic Racks with additional rack-mounting space.

Maximum scalability: These new rack platforms are designed for complex applications needed for your business today.

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on the products' accessibility compliance can be requested at

    http://www-03.ibm.com/able/product_accessibility/index.html

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Product positioning

The IBM 42U and 47U Static and 42U Dynamic Racks and the IBM 42U and 47U Expansion Racks are positioned as IBM's high-end rack cabinet offerings.

The 42U Deep Dynamic Rack solutions deliver a higher level of structure ruggedness to support relocating (when outriggers (stabilizers) are attached) full rack configurations within the enterprise location.

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Product number

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The Single Entity Offerings (SEO)

                                                  SEO
Description                                       number

IBM 42U 1200mm Deep Dynamic Rack                  93604PX
IBM 42U 1200mm Deep Dynamic Expansion Rack        93604EX

IBM 42U 1200mm Deep Static Rack                   93614PX
IBM 42U 1200mm Deep Static Expansion Rack         93614EX

IBM 47U 1200mm Deep Static Rack                   93624PX
IBM 47U 1200mm Deep Static Expansion Rack         93624EX
```

The following are newly announced features on the specified models of the IBM System x 9360, 9361, and 9362 machine types:

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Description                                  MT    Model  Feature
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```
9360-RC4                                             9360   RC4
9361-RC4                                             9361   RC4
9362-RC4                                             9362   RC4
EMEA Long Leadtime Configurations                    9360   RC4    1763
EMEA Long Leadtime Configurations                    9361   RC4
EMEA Long Leadtime Configurations                    9362   RC4
Hungary CHW plant 9SH                                9360   RC4    1764
Hungary CHW plant 9SH                                9361   RC4
Hungary CHW plant 9SH                                9362   RC4
Guad CHW plant 9KQ                                   9360   RC4    1765
Guad CHW plant 9KQ                                   9361   RC4
Guad CHW plant 9KQ                                   9362   RC4
ISTC CHW 9K2                                         9360   RC4    1766
ISTC CHW 9K2                                         9361   RC4
ISTC CHW 9K2                                         9362   RC4
RTP CHW 9NR                                          9360   RC4    1767
RTP CHW 9NR                                          9361   RC4
RTP CHW 9NR                                          9362   RC4
Offload Manufacturing to Guadalajara HVEC            9360   RC4    1768
Offload Manufacturing to Guadalajara HVEC            9361   RC4
Offload Manufacturing to Guadalajara HVEC            9362   RC4
Offload Manufacturing to RTP HVEC                    9360   RC4    1769
Offload Manufacturing to RTP HVEC                    9361   RC4
Offload Manufacturing to RTP HVEC                    9362   RC4
Offload Manufacturing to ISTC                        9361   RC4    1770
Offload Manufacturing to ISTC                        9362   RC4
Capacity Scheduling Service                          9360   RC4    1772
Capacity Scheduling Service                          9361   RC4
Capacity Scheduling Service                          9362   RC4
Custom SLA Scheduling Service                        9360   RC4    1796
Custom SLA Scheduling Service                        9361   RC4
Custom SLA Scheduling Service                        9362   RC4
Custom Asset Tagging - Standard                      9360   RC4    2200
Custom Asset Tagging - Standard                      9361   RC4
Custom Asset Tagging - Standard                      9362   RC4
Custom Asset Tagging - Enhanced                      9360   RC4    2201
Custom Asset Tagging - Enhanced                      9361   RC4
Custom Asset Tagging - Enhanced                      9362   RC4
Request for Global Trade Number (UPC or EAN)         9360   RC4    2207
Request for Global Trade Number (UPC or EAN)         9361   RC4
Request for Global Trade Number (UPC or EAN)         9362   RC4
Custom Rack                                          9360   RC4    2214
Custom Rack                                          9361   RC4
Custom Rack                                          9362   RC4
Custom Integration - Rochester                       9360   RC4    2218
Custom Labeling                                      9360   RC4    2220
Custom Labeling                                      9361   RC4
Custom Labeling                                      9362   RC4
Custom Palletization                                 9360   RC4    2221
Custom Palletization                                 9361   RC4
Custom Palletization                                 9362   RC4
Request for a new Vendor Logo Hardware               9360   RC4    2247
Request for a new Vendor Logo Hardware               9361   RC4
Request for a new Vendor Logo Hardware               9362   RC4
Request for an existing IBM Feature                  9360   RC4    2248
Request for an existing IBM Feature                  9361   RC4
Request for an existing IBM Feature                  9362   RC4
Request for an existing Public RPQ                   9360   RC4    2249
Request for an existing Public RPQ                   9361   RC4
Request for an existing Public RPQ                   9362   RC4
Rack Assembly 42U                                    9360   RC4    2304
Department of Defense UID Label                      9360   RC4    2320
Department of Defense UID Label                      9361   RC4
Department of Defense UID Label                      9362   RC4
Custom Integration Service - Linux® Cluster          9360   RC4    2321
Rack 01                                              9360   RC4    3101
Rack 01                                              9361   RC4
Rack 01                                              9362   RC4
Rack 02                                              9360   RC4    3102
Rack 02                                              9361   RC4
Rack 02                                              9362   RC4
Rack 03                                              9360   RC4    3103
Rack 03                                              9361   RC4
Rack 03                                              9362   RC4
Rack 04                                              9360   RC4    3104
Rack 04                                              9361   RC4
Rack 04                                              9362   RC4
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Rack 05	9360	RC4	3105
Rack 05	9361	RC4	
Rack 05	9362	RC4	
Rack 06	9360	RC4	3106
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Rack 09	9361	RC4	
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Rack 10	9360	RC4	3110
Rack 10	9361	RC4	
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Rack 11	9362	RC4	
Rack 12	9360	RC4	3112
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Rack 13	9360	RC4	3113
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Rack 15	9360	RC4	3115
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Rack 18	9360	RC4	3118
Rack 18	9361	RC4	
Rack 18	9362	RC4	
Rack 19	9360	RC4	3119
Rack 19	9361	RC4	
Rack 19	9362	RC4	
Rack 20	9360	RC4	3120
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Rack 24	9361	RC4	
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Rack 27	9361	RC4	
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Rack 29	9360	RC4	3129
Rack 29	9361	RC4	
Rack 29	9362	RC4	
Rack 30	9360	RC4	3130
Rack 30	9361	RC4	
Rack 30	9362	RC4	

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Rack 31	9361	RC4	
Rack 31	9362	RC4	
Rack 32	9360	RC4	3132
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Rack location U14	9362	RC4	
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Rack location U16	9362	RC4	
Rack location U17	9360	RC4	3217
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Rack location U17	9362	RC4	
Rack location U18	9360	RC4	3218
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Rack location U18	9362	RC4	

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Rack location U19	9362	RC4	
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Rack location U20	9361	RC4	
Rack location U20	9362	RC4	
Rack location U21	9360	RC4	3221
Rack location U21	9361	RC4	
Rack location U21	9362	RC4	
Rack location U22	9360	RC4	3222
Rack location U22	9361	RC4	
Rack location U22	9362	RC4	
Rack location U23	9360	RC4	3223
Rack location U23	9361	RC4	
Rack location U23	9362	RC4	
Rack location U24	9360	RC4	3224
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Rack location U24	9362	RC4	
Rack location U25	9360	RC4	3225
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Rack location U26	9360	RC4	3226
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Rack location U30	9362	RC4	
Rack location U31	9360	RC4	3231
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Rack location U31	9362	RC4	
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Rack location U39	9361	RC4	
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Rack location U40	9361	RC4	
Rack location U40	9362	RC4	
Rack location U41	9360	RC4	3241
Rack location U41	9361	RC4	
Rack location U41	9362	RC4	
Rack location U42	9360	RC4	3242
Rack location U42	9361	RC4	
Rack location U42	9362	RC4	
Rack location U43	9362	RC4	3243
Rack location U44	9362	RC4	3244
Rack location U45	9362	RC4	3245
Rack location U46	9362	RC4	3246
Rack location U47	9362	RC4	3247
Rack location A	9360	RC4	3251

Description	Type		Feature
Rack location A	9361	RC4	
Rack location A	9362	RC4	
Rack location B	9360	RC4	3252
Rack location B	9361	RC4	
Rack location B	9362	RC4	
Rack location C	9360	RC4	3253
Rack location C	9361	RC4	
Rack location C	9362	RC4	
Rack location D	9360	RC4	3254
Rack location D	9361	RC4	
Rack location D	9362	RC4	
Rack location E	9360	RC4	3255
Rack location E	9361	RC4	
Rack location E	9362	RC4	
Rack location F	9360	RC4	3256
Rack location F	9361	RC4	
Rack location F	9362	RC4	
1U black plastic filler panel	9360	RC4	4271
1U black plastic filler panel	9361	RC4	
1U black plastic filler panel	9362	RC4	
3U black plastic filler panel	9360	RC4	4273
3U black plastic filler panel	9361	RC4	
3U black plastic filler panel	9362	RC4	
5U black plastic filler panel	9360	RC4	4275
5U black plastic filler panel	9361	RC4	
5U black plastic filler panel	9362	RC4	
iDataPlex Cable Management Kit for Standard Racks	9360	RC4	5893
iDataPlex Cable Management Kit for Standard Racks	9361	RC4	
iDataPlex Cable Management Kit for Standard Racks	9362	RC4	
IBM 1U 12 C13 Switched and Monitored 60A 3 Phase PDU	9360	RC4	5895
IBM 1U 12 C13 Switched and Monitored 60A 3 Phase PDU	9361	RC4	
IBM 1U 12 C13 Switched and Monitored 60A 3 Phase PDU	9362	RC4	
IBM 1U 9 C19/3 C13 Switched and Monitored 60A 3 Phase PDU	9360	RC4	5897
IBM 1U 9 C19/3 C13 Switched and Monitored 60A 3 Phase PDU	9361	RC4	
IBM 1U 9 C19/3 C13 Switched and Monitored 60A 3 Phase PDU	9362	RC4	
DPI 100-127V NEMA PDU	9360	RC4	5900
DPI 100-127V NEMA PDU	9361	RC4	
DPI 100-127V NEMA PDU	9362	RC4	
Combo PDU & 1p, 30A/208V, NEMA L6-30P(US)LC	9360	RC4	5901
Combo PDU & 1p, 30A/208V, NEMA L6-30P(US)LC	9361	RC4	
Combo PDU & 1p, 30A/208V, NEMA L6-30P(US)LC	9362	RC4	
Combo PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC	9360	RC4	5902
Combo PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC	9361	RC4	
Combo PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC	9362	RC4	
C13 PDU & 1p, 30A/208V, NEMA L6-30P(US)LC	9360	RC4	5908
C13 PDU & 1p, 30A/208V, NEMA L6-30P(US)LC	9361	RC4	
C13 PDU & 1p, 30A/208V, NEMA L6-30P(US)LC	9362	RC4	
C13 PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC	9360	RC4	5909
C13 PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC	9361	RC4	
C13 PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC	9362	RC4	
DPI Universal Rack PDU (US LV)	9360	RC4	5949
DPI Universal Rack PDU (US LV)	9361	RC4	
DPI Universal Rack PDU (US LV)	9362	RC4	
DPI Universal Rack PDU Module (WW)	9360	RC4	5950
DPI Universal Rack PDU Module (WW)	9361	RC4	
DPI Universal Rack PDU Module (WW)	9362	RC4	

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DPI Universal Rack PDU (US HV)                    9360  RC4    5951

DPI Universal Rack PDU (US HV)                    9361  RC4
DPI Universal Rack PDU (US HV)                    9362  RC4




DPI Single-phase 30A/208V C13 Enterprise PDU (US) 9360  RC4    6012
DPI Single-phase 30A/208V C13 Enterprise PDU (US) 9361  RC4
DPI Single-phase 30A/208V C13 Enterprise PDU (US) 9362  RC4
DPI Single-phase 60A/208V C13 Enterprise PDU (US) 9360  RC4    6013
DPI Single-phase 60A/208V C13 Enterprise PDU (US) 9361  RC4
DPI Single-phase 60A/208V C13 Enterprise PDU (US) 9362  RC4




DPI Single-phase 30A/208V C13 Enterprise PDU Plus
(US)                                              9360  RC4    6032
DPI Single-phase 30A/208V C13 Enterprise PDU Plus
(US)                                              9361  RC4
DPI Single-phase 30A/208V C13 Enterprise PDU Plus
(US)                                              9362  RC4
DPI Single-phase 60A/208V C13 Enterprise PDU Plus
(US)                                              9360  RC4    6033
DPI Single-phase 60A/208V C13 Enterprise PDU Plus
(US)                                              9361  RC4
DPI Single-phase 60A/208V C13 Enterprise PDU Plus
(US)                                              9362  RC4




DPI Three-phase 60A/208V C19 Enterprise PDU (US)  9360  RC4    6061
DPI Three-phase 60A/208V C19 Enterprise PDU (US)  9361  RC4
DPI Three-phase 60A/208V C19 Enterprise PDU (US)  9362  RC4
DPI Single-phase 30A/208V C19 Enterprise PDU (US) 9360  RC4    6062
DPI Single-phase 30A/208V C19 Enterprise PDU (US) 9361  RC4
DPI Single-phase 30A/208V C19 Enterprise PDU (US) 9362  RC4
DPI Single-phase 60A/208V C19 Enterprise PDU (US) 9360  RC4    6063
DPI Single-phase 60A/208V C19 Enterprise PDU (US) 9361  RC4
DPI Single-phase 60A/208V C19 Enterprise PDU (US) 9362  RC4




4.3m, 16A/120V, C19 to NEMA L5-20P (US) Line Cord 9361  RC4    6274
4.3m, 16A/120V, C19 to NEMA L5-20P (US) Line Cord 9362  RC4




4.3m, 16A/208V, C19 to NEMA L6-20P (US) Line Cord 9361  RC4    6275
4.3m, 16A/208V, C19 to NEMA L6-20P (US) Line Cord 9362  RC4




4.3m, 30A/120V, NEMA L5-30P (US) Line Cord        9361  RC4    6393
4.3m, 30A/120V, NEMA L5-30P (US) Line Cord        9362  RC4
4.3m, 30A/208V, NEMA L6-30P (US) Line Cord        9361  RC4    6394
4.3m, 30A/208V, NEMA L6-30P (US) Line Cord        9362  RC4
4.3m, 60A/208V, IEC 309 2P+G (US) Line Cord       9361  RC4    6395
4.3m, 60A/208V, IEC 309 2P+G (US) Line Cord       9362  RC4




4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord 9361 RC4    6500
4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord 9362 RC4
4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line
Cord                                              9361  RC4    6501
4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line
Cord                                              9362  RC4




IBM 42U 1200mm Deep Dynamic Rack                  9360  RC4    7649
```

```
IBM 42U 1200mm Deep Dynamic Expansion Rack          9360  RC4   7650
IBM 42U 1200mm Deep Static Rack                     9361  RC4   7651
IBM 42U 1200mm Deep Static Expansion Rack           9361  RC4   7652
IBM 47U 1200mm Deep Static Rack                     9362  RC4   7653
IBM 47U 1200mm Deep Static Expansion Rack           9362  RC4   7654
Customer Solution Center Services                   9360  RC4   7831
Customer Solution Center Services                   9361  RC4
Customer Solution Center Services                   9362  RC4
e1350 Special Bid Solution Component                9360  RC4   7929
xSeries Datacenter Scalable Solution                9360  RC4   8024
Consolidate Shipment                                9360  RC4   8031
Consolidate Shipment                                9361  RC4
Consolidate Shipment                                9362  RC4
xSeries Datacenter High Availability Solution       9360  RC4   8035
TAA Compliant Order                                 9360  RC4   8067
TAA Compliant Order                                 9361  RC4
TAA Compliant Order                                 9362  RC4
General Racking Solution                            9360  RC4   8072
General Racking Solution                            9361  RC4
General Racking Solution                            9362  RC4
No Publications Selected                            9360  RC4   8086
No Publications Selected                            9361  RC4
No Publications Selected                            9362  RC4
Ship empty                                          9360  RC4   8970
Ship empty                                          9361  RC4
Ship empty                                          9362  RC4
Integrate in manufacturing                          9360  RC4   8971
0-bay arrangement (don't use side-wall
compartments)                                       9360  RC4   9122
2-bay arrangement                                   9360  RC4   9123
3-bay arrangement                                   9360  RC4   9124
4-bay arrangement                                   9360  RC4   9125
dual source distribution                            9360  RC4   9128
use 100V (low voltage)                              9360  RC4   9129
use 200V (high voltage)                             9360  RC4   9134
```

Note: The following feature parts are not associated with the other products in this announcement. This announcement is being used to announce the features.

The following is a newly announced feature on machine type 4190, 4194, 4251, 4252, 7944, 7945, 7946, 7947, 7376, 7377, and 7979 Models MC1 and AC1.

```
                                         Feature
Description                              number

Advanced Grouping                        A102
```

The following is a newly announced feature on machine type 4190, 4194, 4251, 4252, 7946, 7944, 7376, 7979, 7947, 7945, 8014, 8028, 7995, 7870, 7871, 7872, 7901, and 7902 Models MC1 and AC1.

```
                                         Feature
Description                              number

System x Cluster Upgrade                 A103
```

The following is a newly announced feature on machine type 8677, 8720, 8730, 8852, 8740, 8750, 1735, 1723, 8767, 8765, and 3625 Model HC1.

```
                                         Feature
Description                              number

System x Cluster Upgrade                 A103
```

The following is a newly announced feature on machine type 2018 Model RC1.

```
                                         Feature
Description                              number

System x Cluster Upgrade                 A103
```

The following is a newly announced feature on machine type 8886 Model AC1.

```
                                         Feature
Description                              number
```

```
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 7233 Models AC1, AC2, MC1, and
MC2.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine types 7145 and 7148 Models AC1, AC3,
AC4, MC1, MC3, and MC4.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 1726 Models HC2, HC3, HC4, HC6,
HC7, and HC8.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 1727 Models HC1 and HC5.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine types 9308, 9360, 9361, 9362, and 9956
Model RC4.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine types 9307 and 1410 Models RC2 and RC4.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 1754 Models HC1, HC2, HC3, and HC4.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 2130 Models RU1 and TU1.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 7176 Models PM1 and PN1.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 2419 Model RU1.

```
                                                      Feature
Description                                           number
System x Cluster Upgrade                              A103
```

The following is a newly announced feature on machine type 5395 Models RI1, RU2, RU3, and RU4.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 4667 Models HC3, HC4, HC5, HC6, HC7, HC8, HC9, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ, HCK, HCL, HCM, HCN, HCP, HCQ, HCR, HCS, HCT, HCU, HCV, and HCW.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine types 0446 and 4668 Models HC3, HC4, HC5, HC6, HC7, and HC8.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 4669 Models HC3, HC5, HC6, HC8, HC9, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ, HCK, HCL, HCM, HCN, HCP, HCQ, HCR, HCS, HCT, HCU, HCV, and HCW.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 4670 Models HC3, HC5, HC7, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ, HCK, HCL, HCM, HCN, HCP, HCQ, HCR, HCS, HCT, HCU, HCV, HCW, and HCY.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 0445 Models HC3, HC4, HC5, HC7, HC8, HCA, and HCB.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 0448 Models HC3 and HC4.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 0449 Models HC3, HC4, HC5, HC6, HC7, HC8, HC9, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ , HCK, HCL, HCM, and HCN.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 0563 Models HC3, HC5, HC6, HC7, HC8, HC9, HCA, HCB, HCC, HCF, HCG, HCH, and HCJ.

| Feature |
Description   number

System x Cluster Upgrade   A103

The following is a newly announced feature on machine type 0564 Model HC3.

Feature

```
Description                                            number

System x Cluster Upgrade                               A103
```

Single Entity Offerings (SEOs)

```
                                                       SEO
Description                                            number

Custom Integration - Rochester                         59Y8121
```

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to
Business Partner information for this announcement. A PartnerWorld® ID and password are required
(use IBM ID).

https://www.ibm.com/partnerworld/mem/sla.jsp?num=110-202

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Publications

An installation and user's guide, and safety and warranty publications are shipped with each rack. The
following publications are available immediately.

```
                                                       Part
Title                                                  number

Unpack instructions for Static                         68Y9609
Unpack instructions for Dynamic                        68Y9610
User guide on CD for Static                             68Y9590
User guide on CD for Dynamic                            68Y9593
Important Notices Manual for Static                     68Y9589
Important Notices Manual for Dynamic                    68Y9592
```

The IBM 42U and 47U 1200mm Deep Static and 42U 1200mm Deep Dynamic Racks each comes
with its own *Installation and User's Guide* in U.S. English, which is also available at

http://www.ibm.com/systems/support/x

The *IBM Dynamic Rack Installation and User's Guide* and *Hardware Maintenance Manual,* in U.S.
English versions, are available from

http://www-304.ibm.com/systems/support/

```
42U and 47U Deep Static Racks:
```

```
                                                       Order
Title                                                  number

IBM 42U and 47U 1200 mm Deep Static Rack               60Y1415
and Expansion Rack Installation Guide

IBM 42U and 47U 1200 mm Deep Static and                68Y9609
Expansion Racks Unpacking Instructions
```

```
42U Deep Dynamic Racks:
```

```
                                                       Order
Title                                                  number

IBM 42U 1200 mm Deep Dynamic Rack and                  60Y1416
Expansion Rack Installation Guide

IBM 42U 1200 mm Deep Dynamic Rack and                  68Y9610
Expansion Rack Unpacking Instructions
```

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Services

Global Technology Services

IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

These services help you learn about, plan, install, manage, or optimize your IT infrastructure to be an On Demand Business. They can help you integrate your high-speed networks, storage systems, application servers, wireless protocols, and an array of platforms, middleware, and communications software for IBM and many non-IBM offerings. IBM is your one-stop shop for IT support needs.

For details on available services, contact your IBM representative or visit

> http://www.ibm.com/services/

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or visit

> http://www.ibm.com/services/continuity

For details on education offerings related to specific products, visit

> http://www.ibm.com/services/learning/index.html

Select your country, and then select the product as the category.

System x and BladeCenter support services

Recommended core technical support

When you buy IBM System x technology, include the support services you need -- to help keep both your hardware and software working for you, day after day, at peak performance. It's your first step toward helping to protect your investment and sustain high levels of system availability. We offer service-level and response-time options to fit your business needs. And we'll help you get started with a core support package that includes:

- **Continuous system monitoring**

  Electronic monitoring that helps speed up problem-solving with automated, early detection of potential problems and system errors.

- **Hardware maintenance**

  World-class remote and on-site hardware problem determination and repair services.

- **Software technical support**

  Access to help line calls for fast, accurate answers to your questions during installation and throughout ongoing operations.

For more information, visit

> http://www.ibm.com/servers/eserver/xseries/services.html

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Technical information

Specified operating environment

Physical specifications

External dimensions

IBM 47U 1200mm Deep Static Rack - 9362-4PX

- Height: 2223 mm (87.5 in)
- Width: 605 (23.8 in)
- Depth: 1200 mm (47.2 in)
- Weight: 150 kg (331 lb)

IBM 47U 1200mm Deep Static Expansion Rack - 9362-4EX

- Height: 2223 mm (87.5 in)
- Width: 600 (23.6 in)
- Depth: 1200 mm (47.2 in)
- Weight: 110 kg (243 lb)

IBM 42U 1200mm Deep Dynamic Rack - 9360-4PX

- Height: 2003 mm (78.9 in)
- Width: 605 (23.8 in)
- Depth: 1200 mm (47.2 in)
- Weight: 165 kg (363 lb), weight includes outriggers

IBM 42U 1200mm Deep Static Expansion Rack - 9361-4EX

- Height: 2000 mm (78.7 in)
- Width: 600 mm (23.6 in)
- Depth: 1200 mm (47.2 in)
- Weight: 104 kg (229 lb)

IBM 42U 1200mm Deep Dynamic Rack - 9360-4PX

- Height: 2003 mm (78.9 in)
- Width: 605 (23.8 in)
- Depth: 1200 mm (47.2 in)
- Weight: 165 kg (363 lb) weight includes outriggers

IBM 42U 1200mm Deep Dynamic Expansion Rack - 9360-4EX

- Height: 2003 mm (78.9 in)
- Width: 600 mm (23.6 in)
- Depth: 1200 mm (47.2 in)
- Weight: 128 kg (282 lb), weight includes outriggers

Standards

Agency approvals

The IBM 42U and 47U 1200mm Deep Static and 42U Dynamic Racks adhere to the following safety and agency approval requirements:

- UL 60950-1
- CSA C22.2 No. 60950-1-07

Planning information

Customer responsibilities

This product is designated as customer setup. Customer setup instructions are shipped with the product.

Cable orders

No cables are required.

Installability

Each rack requires approximately 20 minutes for installation.

Packaging

```
Product                  Package description              Boxes

IBM 1200mm Deep          IBM 42U Rack Carton              1
Static Rack

IBM 1200mm Deep          IBM 42U Rack Carton              1
Dynamic Rack


IBM 1200mm Deep          IBM 47U Rack Carton              1
Static Rack
```

```
 IBM 42U Rack box contains:

   o 42U rack cabinet and keys
   o Front stabilizer plate
   o Miscellaneous mounting hardware
   o Installation and safety publications with Warranty

 IBM 47U Rack box contains:

   o 47U rack cabinet and keys
   o Front stabilizer plate
   o Miscellaneous mounting hardware
   o Installation and safety publications with Warranty
```

The rack is shipped in a single package.

Approximate shipping dimensions and weights:

```
42U Static or Dynamic Rack model

o  Height:  2248 mm (88.5 in)
o  Width:   699 mm (27.5 in)
o  Depth:   1251 mm (49.3 in)
o  Weight:  157 kg (346 lb)

47U Static Rack model

o  Height:  2362 mm (93.0 in)
o  Width:   750 mm (29.5 in)
o  Depth:   1251 mm (49.3 in)
o  Weight:  165 kg (364 lb)
```

Supplies

For end users

IBM 42U and 47U 1200mm Deep Static and Dynamic Racks can be purchased from dealers around
the world.

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features,
administrative procedures, and appropriate controls in application systems and communications
facilities.

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IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve
higher system availability. Electronic Services is a Web-enabled solution that offers an exclusive,
no-additional-charge enhancement to the service and support available for IBM servers. These
services are designed to provide the opportunity for greater system availability with faster problem
resolution and preemptive monitoring. Electronic Services comprises two separate, but
complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry
points traditionally used to access IBM Internet services and support. The news page enables you to

gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

   http://www.ibm.com/support/electronic

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Terms and conditions

MES discount applicable

No

Field-installable feature

Yes

Warranty period

Three years

Customer setup

Yes

Machine code

No license terms apply

IBM Global Financing

Yes

To obtain copies of the IBM Statement of Limited Warranty, contact your reseller or IBM.

In the United States, call 800-IBM-SERV (426-7378), or write to:

   Warranty Information
   P.O. Box 12195
   Research Triangle Park, NC 27709
   Attn: Dept JDJA/B203

Warranty period

- 9360: Three years
- 9361: Three years
- 9362: Three years
- Options: One year

Optional IBM features initially installed in an IBM machine carry the same warranty period as the

machine. If installed after the initial machine installation, they carry the balance of the machine warranty or the optional feature warranty, whichever is greater.

The following have been designated as consumables or supply items and are, therefore, not covered by this warranty:

- Battery

Warranty service

If required, IBM provides repair or exchange service, depending on the type of warranty service specified below for the machine. IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines On-site Service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts. Service levels are response-time objectives and are not guaranteed. The specified level of warranty service may not be available in all worldwide locations. Additional charges may apply outside IBM's normal service area. Contact your local IBM representative or your reseller for country- and location-specific information.

The type of service is Customer Replaceable Unit (for example, keyboard, mouse, speaker, memory, or hard disk drive) Service and On-site Service.

Customer Replaceable Unit (CRU) Service

IBM provides a replacement CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM at any time on your request. A CRU is designated as being either a Tier 1 (mandatory) or a Tier 2 (optional) CRU. Installation of Tier 1 CRUs, as specified in this announcement, is your responsibility. If IBM installs a Tier 1 CRU at your request, you will be charged for the installation. You may install a Tier 2 CRU yourself or request IBM to install it, at no additional charge, under the type of warranty service specified below, On-site Service.

Based upon availability, a CRU will be shipped for next business day (NBD) delivery. IBM specifies in the materials shipped with a replacement CRU whether a defective CRU must be returned to IBM. When return is required, return instructions and a container are shipped with the replacement CRU, and you may be charged for the replacement CRU if IBM does not receive the defective CRU within 15 days of your receipt of the replacement.

The following parts are designated as Tier 1 CRUs:

- 42U Right Rear Door
- 42U Left Rear Door
- 42U Front Door
- 47U Right Rear Door
- 47U Left Rear Door
- 47U Front Door
- Door latch
- Keys
- Cable management bracket
- Hardware kit
- 1200mm deep lower side panel for Dynamic Rack
- Tailbar kit
- Front anti-tip plate

On-site Service

This provides On-site Repair, 9 hours per day, Monday through Friday excluding holidays, NBD response. IBM or your reseller will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well lit, and suitable for the purpose. On-site Service is not available in all countries, and some countries have kilometer or mileage limitations from an IBM service center. In those locations where On-site Service is not available, the normal in-country service delivery is used.

Call IBM at 1-800-IBM-SERV (426-7378) to assist with problem isolation for hardware to determine if warranty service is required. Telephone support may be subject to additional charges, even during

the limited warranty period.

Calls must be received by 5:00 p.m. local time in order to qualify for NBD service.

International Warranty Service

International Warranty Service (IWS) is available in selected countries or regions.

The warranty service type and the service level provided in the servicing country may be different from that provided in the country in which the machine was purchased.

Under IWS, warranty service will be provided with the prevailing warranty service type and service level available for the IWS-eligible machine type in the servicing country, and the warranty period observed will be that of the country in which the machine was purchased.

To determine the eligibility of your machine and to view a list of countries where service is available, visit

> http://www-304.ibm.com/jct01004c/systems/support/supportsite.wss
> /warrantyform?brandind=5000008

For more information on IWS, refer to Services Announcement 601-034, dated September 25, 2001.

Licensing

Programs included with this product are licensed under the terms and conditions of the License Agreements that are shipped with the system.

Maintenance services

ServicePac , ServiceSuite , ServiceElect, and ServiceElite

ServicePac®, ServiceSuite™, ServiceElect, and ServiceElite provide hardware warranty service upgrades, maintenance, and selected support services in one agreement.

Warranty service upgrade

During the warranty period, a warranty service upgrade provides an enhanced level of On-site Service for an additional charge. A warranty service upgrade must be purchased during the warranty period and is for a fixed term (duration). It is not refundable or transferable and may not be prorated. If required, IBM will provide the warranty service upgrade enhanced level of On-site Service acquired by the customer. Service levels are response-time objectives and are not guaranteed.

IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines On-site Service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts.

CRUs will be provided as part of the machine's standard warranty CRU Service except that you may install a Tier 1 CRU yourself or request IBM installation, at no additional charge, under one of the On-site Service levels specified below.

IBM will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well lit, and suitable for the purpose.

See the Pricing section for specific offerings.

Maintenance service

If required, IBM provides repair or exchange service, depending on the type of maintenance service specified below for the machine. IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines On-site Service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts. Service levels are response-time objectives and are not guaranteed.

CRU Service

If your problem can be resolved with a CRU (for example, keyboard, mouse, speaker, memory, or hard disk drive), IBM will ship the CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM at any time on your request.

IBM specifies in the materials shipped with a replacement CRU whether a defective CRU must be returned to IBM. When return is required, return instructions and a container are shipped with the replacement CRU, and you may be charged for the replacement CRU if IBM does not receive the defective CRU within 15 days of your receipt of the replacement.

On-site Service

IBM will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well lit, and suitable for the purpose.

See the Pricing section for specific offerings.

Maintenance service (ICA)

Maintenance services are available for ICA legacy contracts.

Alternative service (warranty service upgrades)

During the warranty period, a warranty service upgrade provides an enhanced level of On-site Service for an additional charge. A warranty service upgrade must be purchased during the warranty period and is for a fixed term (duration). It is not refundable or transferable and may not be prorated. If required, IBM will provide the warranty service upgrade enhanced level of On-site Service acquired by the customer. Service levels are response-time objectives and are not guaranteed.

IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines On-site Service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts.

A CRU will be provided as part of the machine's standard warranty CRU Service except that you may install a Tier 1 CRU yourself or request IBM to install it, at no additional charge, under the type of warranty service specified below, On-site Service.

IBM will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well lit, and suitable for the purpose.

See the Pricing section for specific offerings.

Maintenance service

If required, IBM provides repair or exchange service, depending on the type of maintenance service specified below for the machine. IBM will attempt to resolve your problem over the telephone or

electronically by access to an IBM Web site. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines On-site Service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts. Service levels are response-time objectives and are not guaranteed.

CRU Service

If your problem can be resolved with a CRU (for example, keyboard, mouse, speaker, memory, or hard disk drive), IBM will ship the CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM at any time on your request.

IBM specifies in the materials shipped with a replacement CRU whether a defective CRU must be returned to IBM. When return is required, return instructions and a container are shipped with the replacement CRU, and you may be charged for the replacement CRU if IBM does not receive the defective CRU within 15 days of your receipt of the replacement.

On-site Service

IBM will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well lit, and suitable for the purpose.

See the Pricing section for specific offerings.

Non-IBM parts support

Warranty service

IBM is now shipping machines with selected non-IBM parts that contain an IBM field replaceable unit (FRU) part number label. These parts are to be serviced during the IBM machine warranty period. IBM is covering the service on these selected non-IBM parts as an accommodation to its customers, and normal warranty service procedures for the IBM machine apply.

Warranty service upgrades and maintenance services

Under certain conditions, IBM Integrated Technology Services repairs selected non-IBM parts at no additional charge for machines that are covered under warranty service upgrades or maintenance services.

IBM Service provides hardware problem determination on non-IBM parts (for example, adapter cards, PCMCIA cards, disk drives, or memory) installed within IBM machines covered under warranty service upgrades or maintenance services and provides the labor to replace the failing parts at no additional charge.

If IBM has a Technical Service Agreement with the manufacturer of the failing part, or if the failing part is an accommodations part (a part with an IBM FRU label), IBM may also source and replace the failing part at no additional charge. For all other non-IBM parts, customers are responsible for sourcing the parts. Installation labor is provided at no additional charge, if the machine is covered under a warranty service upgrade or a maintenance service.

IBM hourly service rate classification

One

Field-installable features

Yes

Model conversions

No

Machine installation

Customer setup. Customers are responsible for installation according to the instructions IBM provides with the machine.

Graduated program license charges apply

No

Licensed Internal Code and Licensed Machine Code

This product does not contain Licensed Internal Code or Licensed Machine Code.

Educational allowance

None

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Pricing

For current prices, contact IBM at 888-Shop-IBM (746-7426) or visit

http://www-03.ibm.com/systems/x/

Maintenance charges

For additional information on maintenance and pricing, contact your IBM sales representative or your IBM Business Partner, or call 1-800-IBM-CALL (1-800-426-2255).

The following are newly announced features on the specified models of the IBM System x 9360 machine type:

```
                                          Initial/
                                          MES/
                        Model    Feature  Both         RP
                        number   number   support  CSU MES

IBM 42U 1200mm Deep Dynamic  Rack
                        RC4
EMEA Long Leadtime Configurations
                        RC4      1763     Initial
Hungary CHW plant 9SH
                        RC4      1764     Initial
Guad CHW plant 9KQ
                        RC4      1765     Initial
ISTC CHW 9K2
                        RC4      1766     Initial
RTP CHW 9NR
                        RC4      1767     Initial
Offload Manufacturing to Guadalajara HVEC
                        RC4      1768     Initial
Offload Manufacturing to RTP HVEC
                        RC4      1769     Initial
Capacity Scheduling Service
                        RC4      1772     Initial
Custom SLA Scheduling Service
                        RC4      1796     Initial
Custom Asset Tagging - Standard
```

	RC4	2200	Initial
Custom Asset Tagging - Enhanced			
	RC4	2201	Initial
Request for Global Trade Number (UPC or EAN)			
	RC4	2207	Initial
Custom Rack			
	RC4	2214	Initial
Custom Integration - Rochester			
	RC4	2218	Initial
Custom Labeling			
	RC4	2220	Initial
Custom Palletization			
	RC4	2221	Initial
Request for a new Vendor Logo Hardware			
	RC4	2247	Initial
Request for an existing IBM Feature			
	RC4	2248	Initial
Request for an existing Public RPQ			
	RC4	2249	Initial
Rack Assembly 42U			
	RC4	2304	Initial
Department of Defense UID Label			
	RC4	2320	Initial
Custom Integration Service - Linux Cluster			
	RC4	2321	Initial
Rack 01			
	RC4	3101	Initial
Rack 02			
	RC4	3102	Initial
Rack 03			
	RC4	3103	Initial
Rack 04			
	RC4	3104	Initial
Rack 05			
	RC4	3105	Initial
Rack 06			
	RC4	3106	Initial
Rack 07			
	RC4	3107	Initial
Rack 08			
	RC4	3108	Initial
Rack 09			
	RC4	3109	Initial
Rack 10			
	RC4	3110	Initial
Rack 11			
	RC4	3111	Initial
Rack 12			
	RC4	3112	Initial
Rack 13			
	RC4	3113	Initial
Rack 14			
	RC4	3114	Initial
Rack 15			
	RC4	3115	Initial
Rack 16			
	RC4	3116	Initial
Rack 17			
	RC4	3117	Initial
Rack 18			
	RC4	3118	Initial
Rack 19			
	RC4	3119	Initial
Rack 20			
	RC4	3120	Initial
Rack 21			
	RC4	3121	Initial
Rack 22			
	RC4	3122	Initial
Rack 23			
	RC4	3123	Initial
Rack 24			
	RC4	3124	Initial
Rack 25			
	RC4	3125	Initial
Rack 26			
	RC4	3126	Initial
Rack 27			

	RC4	3127	Initial
Rack 28			
	RC4	3128	Initial
Rack 29			
	RC4	3129	Initial
Rack 30			
	RC4	3130	Initial
Rack 31			
	RC4	3131	Initial
Rack 32			
	RC4	3132	Initial
Rack 33			
	RC4	3133	Initial
Rack 34			
	RC4	3134	Initial
Rack 35			
	RC4	3135	Initial
Rack 36			
	RC4	3136	Initial
Rack 37			
	RC4	3137	Initial
Rack 38			
	RC4	3138	Initial
Rack 39			
	RC4	3139	Initial
Rack 40			
	RC4	3140	Initial
Rack 41			
	RC4	3141	Initial
Rack 42			
	RC4	3142	Initial
Rack 43			
	RC4	3143	Initial
Rack 44			
	RC4	3144	Initial
Rack 45			
	RC4	3145	Initial
Rack 46			
	RC4	3146	Initial
Rack 47			
	RC4	3147	Initial
Rack 48			
	RC4	3148	Initial
Rack 49			
	RC4	3149	Initial
Rack 50			
	RC4	3150	Initial
Rack 51			
	RC4	3151	Initial
Rack 52			
	RC4	3152	Initial
Rack 53			
	RC4	3153	Initial
Rack 54			
	RC4	3154	Initial
Rack 55			
	RC4	3155	Initial
Rack 56			
	RC4	3156	Initial
Rack 57			
	RC4	3157	Initial
Rack 58			
	RC4	3158	Initial
Rack 59			
	RC4	3159	Initial
Rack 60			
	RC4	3160	Initial
Rack 61			
	RC4	3161	Initial
Rack 62			
	RC4	3162	Initial
Rack 63			
	RC4	3163	Initial
Rack 64			
	RC4	3164	Initial
Rack location U01			
	RC4	3201	Initial
Rack location U02			

	RC4	3202	Initial
Rack location U03	RC4	3203	Initial
Rack location U04	RC4	3204	Initial
Rack location U05	RC4	3205	Initial
Rack location U06	RC4	3206	Initial
Rack location U07	RC4	3207	Initial
Rack location U08	RC4	3208	Initial
Rack location U09	RC4	3209	Initial
Rack location U10	RC4	3210	Initial
Rack location U11	RC4	3211	Initial
Rack location U12	RC4	3212	Initial
Rack location U13	RC4	3213	Initial
Rack location U14	RC4	3214	Initial
Rack location U15	RC4	3215	Initial
Rack location U16	RC4	3216	Initial
Rack location U17	RC4	3217	Initial
Rack location U18	RC4	3218	Initial
Rack location U19	RC4	3219	Initial
Rack location U20	RC4	3220	Initial
Rack location U21	RC4	3221	Initial
Rack location U22	RC4	3222	Initial
Rack location U23	RC4	3223	Initial
Rack location U24	RC4	3224	Initial
Rack location U25	RC4	3225	Initial
Rack location U26	RC4	3226	Initial
Rack location U27	RC4	3227	Initial
Rack location U28	RC4	3228	Initial
Rack location U29	RC4	3229	Initial
Rack location U30	RC4	3230	Initial
Rack location U31	RC4	3231	Initial
Rack location U32	RC4	3232	Initial
Rack location U33	RC4	3233	Initial
Rack location U34	RC4	3234	Initial
Rack location U35	RC4	3235	Initial
Rack location U36	RC4	3236	Initial
Rack location U37	RC4	3237	Initial
Rack location U38	RC4	3238	Initial
Rack location U39	RC4	3239	Initial
Rack location U40	RC4	3240	Initial
Rack location U41			

```
                                     RC4     3241        Initial
        Rack location U42
                                     RC4     3242        Initial
        Rack location A
                                     RC4     3251        Initial
        Rack location B
                                     RC4     3252        Initial
        Rack location C
                                     RC4     3253        Initial
        Rack location D
                                     RC4     3254        Initial
        Rack location E
                                     RC4     3255        Initial
        Rack location F
                                     RC4     3256        Initial
        1U black plastic filler panel
                                     RC4     4271        Initial
        3U black plastic filler panel
                                     RC4     4273        Initial
        5U black plastic filler panel
                                     RC4     4275        Initial
        iDataPlex Cable Management Kit for Standard Racks
                                     RC4     5893        Initial
        IBM 1U 12 C13 Switched and Monitored 60A 3 Phase
        PDU
                                     RC4     5895        Initial
        IBM 1U 9 C19/3 C13 Switched and Monitored 60A 3
        Phase PDU
                                     RC4     5897        Initial
        DPI 100-127V NEMA PDU
                                     RC4     5900        Initial
        Combo PDU & 1p, 30A/208V, NEMA L6-30P(US)LC
                                     RC4     5901        Initial
        Combo PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC
                                     RC4     5902        Initial



        C13 PDU & 1p, 30A/208V, NEMA L6-30P(US)LC
                                     RC4     5908        Initial
        C13 PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC
                                     RC4     5909        Initial



        DPI Universal Rack PDU (US LV)
                                     RC4     5949        Initial
        DPI Universal Rack PDU Module (WW)
                                     RC4     5950        Initial
        DPI Universal Rack PDU (US HV)
                                     RC4     5951        Initial



        DPI Single-phase 30A/208V C13 Enterprise PDU (US)
                                     RC4     6012        Initial
        DPI Single-phase 60A/208V C13 Enterprise PDU (US)
                                     RC4     6013        Initial



        DPI Single-phase 30A/208V C13 Enterprise PDU Plus
        (US)
                                     RC4     6032        Initial
        DPI Single-phase 60A/208V C13 Enterprise PDU Plus
        (US)
                                     RC4     6033        Initial



        DPI Three-phase 60A/208V C19 Enterprise PDU (US)
                                     RC4     6061        Initial
        DPI Single-phase 30A/208V C19 Enterprise PDU (US)
                                     RC4     6062        Initial
        DPI Single-phase 60A/208V C19 Enterprise PDU (US)
                                     RC4     6063        Initial
```

```
IBM 42U 1200mm Deep Dynamic Rack
                          RC4       7649          Initial
IBM 42U 1200mm Deep Dynamic Expansion Rack
                          RC4       7650          Initial
Customer Solution Center Services
                          RC4       7831          Initial
e1350 Special Bid Solution Component
                          RC4       7929          Initial
xSeries Datacenter Scalable Solution
                          RC4       8024          Initial
Consolidate Shipment
                          RC4       8031          Initial
xSeries Datacenter High Availability Solution
                          RC4       8035          Initial
TAA Compliant Order
                          RC4       8067          Initial
General Racking Solution
                          RC4       8072          Initial
No Publications Selected
                          RC4       8086          Initial
Ship empty
                          RC4       8970          Initial
Integrate in manufacturing
                          RC4       8971          Initial
0-bay arrangement (don't use side-wall
compartments)
                          RC4       9122          Initial
2-bay arrangement
                          RC4       9123          Initial
3-bay arrangement
                          RC4       9124          Initial
4-bay arrangement
                          RC4       9125          Initial
dual source distribution
                          RC4       9128          Initial
use 100V (low voltage)
                          RC4       9129          Initial
use 200V (high voltage)
                          RC4       9134          Initial
```

The following are newly announced features on the specified models of the IBM System x 9361
machine type:

```
                                              Initial/
                                              MES/
                          Model     Feature   Both           RP
                          number    number    support  CSU MES


IBM 42U 1200mm Deep Static Rack
                          RC4
EMEA Long Leadtime Configurations
                          RC4       1763      Initial
Hungary CHW plant 9SH
                          RC4       1764      Initial
Guad CHW plant 9KQ
                          RC4       1765      Initial
ISTC CHW 9K2
                          RC4       1766      Initial
RTP CHW 9NR
                          RC4       1767      Initial
Offload Manufacturing to Guadalajara HVEC
                          RC4       1768      Initial
Offload Manufacturing to RTP HVEC
                          RC4       1769      Initial
Offload Manufacturing to ISTC
                          RC4       1770      Initial
Capacity Scheduling Service
                          RC4       1772      Initial
Custom SLA Scheduling Service
                          RC4       1796      Initial
Custom Asset Tagging - Standard
                          RC4       2200      Initial
Custom Asset Tagging - Enhanced
```

```
                              RC4      2201          Initial
      Request for Global Trade Number (UPC or EAN)
                              RC4      2207          Initial
      Custom Rack
                              RC4      2214          Initial
      Custom Labeling
                              RC4      2220          Initial
      Custom Palletization
                              RC4      2221          Initial
      Request for a new Vendor Logo Hardware
                              RC4      2247          Initial
      Request for an existing IBM Feature
                              RC4      2248          Initial
      Request for an existing Public RPQ
                              RC4      2249          Initial
      Department of Defense UID Label
                              RC4      2320          Initial
      Rack 01
                              RC4      3101          Initial
      Rack 02
                              RC4      3102          Initial
      Rack 03
                              RC4      3103          Initial
      Rack 04
                              RC4      3104          Initial
      Rack 05
                              RC4      3105          Initial
      Rack 06
                              RC4      3106          Initial
      Rack 07
                              RC4      3107          Initial
      Rack 08
                              RC4      3108          Initial
      Rack 09
                              RC4      3109          Initial
      Rack 10
                              RC4      3110          Initial
      Rack 11
                              RC4      3111          Initial
      Rack 12
                              RC4      3112          Initial
      Rack 13
                              RC4      3113          Initial
      Rack 14
                              RC4      3114          Initial
      Rack 15
                              RC4      3115          Initial
      Rack 16
                              RC4      3116          Initial
      Rack 17
                              RC4      3117          Initial
      Rack 18
                              RC4      3118          Initial
      Rack 19
                              RC4      3119          Initial
      Rack 20
                              RC4      3120          Initial
      Rack 21
                              RC4      3121          Initial
      Rack 22
                              RC4      3122          Initial
      Rack 23
                              RC4      3123          Initial
      Rack 24
                              RC4      3124          Initial
      Rack 25
                              RC4      3125          Initial
      Rack 26
                              RC4      3126          Initial
      Rack 27
                              RC4      3127          Initial
      Rack 28
                              RC4      3128          Initial
      Rack 29
                              RC4      3129          Initial
      Rack 30
                              RC4      3130          Initial
      Rack 31
```

	RC4 3131	Initial
Rack 32	RC4 3132	Initial
Rack 33	RC4 3133	Initial
Rack 34	RC4 3134	Initial
Rack 35	RC4 3135	Initial
Rack 36	RC4 3136	Initial
Rack 37	RC4 3137	Initial
Rack 38	RC4 3138	Initial
Rack 39	RC4 3139	Initial
Rack 40	RC4 3140	Initial
Rack 41	RC4 3141	Initial
Rack 42	RC4 3142	Initial
Rack 43	RC4 3143	Initial
Rack 44	RC4 3144	Initial
Rack 45	RC4 3145	Initial
Rack 46	RC4 3146	Initial
Rack 47	RC4 3147	Initial
Rack 48	RC4 3148	Initial
Rack 49	RC4 3149	Initial
Rack 50	RC4 3150	Initial
Rack 51	RC4 3151	Initial
Rack 52	RC4 3152	Initial
Rack 53	RC4 3153	Initial
Rack 54	RC4 3154	Initial
Rack 55	RC4 3155	Initial
Rack 56	RC4 3156	Initial
Rack 57	RC4 3157	Initial
Rack 58	RC4 3158	Initial
Rack 59	RC4 3159	Initial
Rack 60	RC4 3160	Initial
Rack 61	RC4 3161	Initial
Rack 62	RC4 3162	Initial
Rack 63	RC4 3163	Initial
Rack 64	RC4 3164	Initial
Rack location U01	RC4 3201	Initial
Rack location U02	RC4 3202	Initial
Rack location U03	RC4 3203	Initial
Rack location U04	RC4 3204	Initial
Rack location U05	RC4 3205	Initial
Rack location U06		

Rack location U07	RC4 3206	Initial
Rack location U08	RC4 3207	Initial
Rack location U09	RC4 3208	Initial
Rack location U10	RC4 3209	Initial
Rack location U11	RC4 3210	Initial
Rack location U12	RC4 3211	Initial
Rack location U13	RC4 3212	Initial
Rack location U14	RC4 3213	Initial
Rack location U15	RC4 3214	Initial
Rack location U16	RC4 3215	Initial
Rack location U17	RC4 3216	Initial
Rack location U18	RC4 3217	Initial
Rack location U19	RC4 3218	Initial
Rack location U20	RC4 3219	Initial
Rack location U21	RC4 3220	Initial
Rack location U22	RC4 3221	Initial
Rack location U23	RC4 3222	Initial
Rack location U24	RC4 3223	Initial
Rack location U25	RC4 3224	Initial
Rack location U26	RC4 3225	Initial
Rack location U27	RC4 3226	Initial
Rack location U28	RC4 3227	Initial
Rack location U29	RC4 3228	Initial
Rack location U30	RC4 3229	Initial
Rack location U31	RC4 3230	Initial
Rack location U32	RC4 3231	Initial
Rack location U33	RC4 3232	Initial
Rack location U34	RC4 3233	Initial
Rack location U35	RC4 3234	Initial
Rack location U36	RC4 3235	Initial
Rack location U37	RC4 3236	Initial
Rack location U38	RC4 3237	Initial
Rack location U39	RC4 3238	Initial
Rack location U40	RC4 3239	Initial
Rack location U41	RC4 3240	Initial
Rack location U42	RC4 3241	Initial
Rack location A	RC4 3242	Initial
Rack location B	RC4 3251	Initial
Rack location C	RC4 3252	Initial

	RC4	3253	Initial
Rack location D			
	RC4	3254	Initial
Rack location E			
	RC4	3255	Initial
Rack location F			
	RC4	3256	Initial
1U black plastic filler panel			
	RC4	4271	Initial
3U black plastic filler panel			
	RC4	4273	Initial
5U black plastic filler panel			
	RC4	4275	Initial
iDataPlex Cable Management Kit for Standard Racks			
	RC4	5893	Initial

IBM 1U 12 C13 Switched and Monitored 60A 3 Phase PDU			
	RC4	5895	Initial
IBM 1U 9 C19/3 C13 Switched and Monitored 60A 3 Phase PDU			
	RC4	5897	Initial
DPI 100-127V NEMA PDU			
	RC4	5900	Initial
Combo PDU & 1p, 30A/208V, NEMA L6-30P(US)LC			
	RC4	5901	Initial
Combo PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC			
	RC4	5902	Initial

C13 PDU & 1p, 30A/208V, NEMA L6-30P(US)LC			
	RC4	5908	Initial
C13 PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC			
	RC4	5909	Initial

DPI Universal Rack PDU (US LV)			
	RC4	5949	Initial

DPI Universal Rack PDU Module (WW)			
	RC4	5950	Initial

DPI Universal Rack PDU (US HV)			
	RC4	5951	Initial

DPI Single-phase 30A/208V C13 Enterprise PDU (US)			
	RC4	6012	Initial
DPI Single-phase 60A/208V C13 Enterprise PDU (US)			
	RC4	6013	Initial

DPI Single-phase 30A/208V C13 Enterprise PDU Plus (US)			
	RC4	6032	Initial
DPI Single-phase 60A/208V C13 Enterprise PDU Plus (US)			
	RC4	6033	Initial

DPI Three-phase 60A/208V C19 Enterprise PDU (US)			
	RC4	6061	Initial
DPI Single-phase 30A/208V C19 Enterprise PDU (US)			
	RC4	6062	Initial
DPI Single-phase 60A/208V C19 Enterprise PDU (US)			
	RC4	6063	Initial

```
4.3m, 16A/120V, C19 to NEMA L5-20P (US) Line Cord
                              RC4      6274        Initial




4.3m, 16A/208V, C19 to NEMA L6-20P (US) Line Cord
                              RC4      6275        Initial




4.3m, 30A/120V, NEMA L5-30P (US) Line Cord
                              RC4      6393        Initial
4.3m, 30A/208V, NEMA L6-30P (US) Line Cord
                              RC4      6394        Initial
4.3m, 60A/208V, IEC 309 2P+G (US) Line Cord
                              RC4      6395        Initial




4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord
                              RC4      6500        Initial
4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line Cord
                              RC4      6501        Initial




IBM 42U 1200mm Deep Static Rack
                              RC4      7651        Initial
IBM 42U 1200mm Deep Static Expansion Rack
                              RC4      7652        Initial
Customer Solution Center Services
                              RC4      7831        Initial
Consolidate Shipment
                              RC4      8031        Initial
TAA Compliant Order
                              RC4      8067        Initial
General Racking Solution
                              RC4      8072        Initial
No Publications Selected
                              RC4      8086        Initial
Ship empty
                              RC4      8970        Initial
```

The following are newly announced features on the specified models of the IBM System x 9362
machine type:

```
                                          Initial/
                                          MES/
                       Model    Feature   Both          RP
                       number   number    support  CSU MES


IBM 47U 1200mm Deep Static Rack
                       RC4
EMEA Long Leadtime Configurations
                       RC4      1763      Initial
Hungary CHW plant 9SH
                       RC4      1764      Initial
Guad CHW plant 9KQ
                       RC4      1765      Initial
ISTC CHW 9K2
                       RC4      1766      Initial
RTP CHW 9NR
                       RC4      1767      Initial
Offload Manufacturing to Guadalajara HVEC
                       RC4      1768      Initial
Offload Manufacturing to RTP HVEC
                       RC4      1769      Initial
Offload Manufacturing to ISTC
                       RC4      1770      Initial
Capacity Scheduling Service
                       RC4      1772      Initial
```

```
Custom SLA Scheduling Service
                              RC4       1796        Initial
Custom Asset Tagging - Standard
                              RC4       2200        Initial
Custom Asset Tagging - Enhanced
                              RC4       2201        Initial
Request for Global Trade Number (UPC or EAN)
                              RC4       2207        Initial
Custom Rack
                              RC4       2214        Initial
Custom Labeling
                              RC4       2220        Initial
Custom Palletization
                              RC4       2221        Initial
Request for a new Vendor Logo Hardware
                              RC4       2247        Initial
Request for an existing IBM Feature
                              RC4       2248        Initial
Request for an existing Public RPQ
                              RC4       2249        Initial
Department of Defense UID Label
                              RC4       2320        Initial
Rack 01
                              RC4       3101        Initial
Rack 02
                              RC4       3102        Initial
Rack 03
                              RC4       3103        Initial
Rack 04
                              RC4       3104        Initial
Rack 05
                              RC4       3105        Initial
Rack 06
                              RC4       3106        Initial
Rack 07
                              RC4       3107        Initial
Rack 08
                              RC4       3108        Initial
Rack 09
                              RC4       3109        Initial
Rack 10
                              RC4       3110        Initial
Rack 11
                              RC4       3111        Initial
Rack 12
                              RC4       3112        Initial
Rack 13
                              RC4       3113        Initial
Rack 14
                              RC4       3114        Initial
Rack 15
                              RC4       3115        Initial
Rack 16
                              RC4       3116        Initial
Rack 17
                              RC4       3117        Initial
Rack 18
                              RC4       3118        Initial
Rack 19
                              RC4       3119        Initial
Rack 20
                              RC4       3120        Initial
Rack 21
                              RC4       3121        Initial
Rack 22
                              RC4       3122        Initial
Rack 23
                              RC4       3123        Initial
Rack 24
                              RC4       3124        Initial
Rack 25
                              RC4       3125        Initial
Rack 26
                              RC4       3126        Initial
Rack 27
                              RC4       3127        Initial
Rack 28
                              RC4       3128        Initial
```

Rack 29			
	RC4	3129	Initial
Rack 30			
	RC4	3130	Initial
Rack 31			
	RC4	3131	Initial
Rack 32			
	RC4	3132	Initial
Rack 33			
	RC4	3133	Initial
Rack 34			
	RC4	3134	Initial
Rack 35			
	RC4	3135	Initial
Rack 36			
	RC4	3136	Initial
Rack 37			
	RC4	3137	Initial
Rack 38			
	RC4	3138	Initial
Rack 39			
	RC4	3139	Initial
Rack 40			
	RC4	3140	Initial
Rack 41			
	RC4	3141	Initial
Rack 42			
	RC4	3142	Initial
Rack 43			
	RC4	3143	Initial
Rack 44			
	RC4	3144	Initial
Rack 45			
	RC4	3145	Initial
Rack 46			
	RC4	3146	Initial
Rack 47			
	RC4	3147	Initial
Rack 48			
	RC4	3148	Initial
Rack 49			
	RC4	3149	Initial
Rack 50			
	RC4	3150	Initial
Rack 51			
	RC4	3151	Initial
Rack 52			
	RC4	3152	Initial
Rack 53			
	RC4	3153	Initial
Rack 54			
	RC4	3154	Initial
Rack 55			
	RC4	3155	Initial
Rack 56			
	RC4	3156	Initial
Rack 57			
	RC4	3157	Initial
Rack 58			
	RC4	3158	Initial
Rack 59			
	RC4	3159	Initial
Rack 60			
	RC4	3160	Initial
Rack 61			
	RC4	3161	Initial
Rack 62			
	RC4	3162	Initial
Rack 63			
	RC4	3163	Initial
Rack 64			
	RC4	3164	Initial
Rack location U01			
	RC4	3201	Initial
Rack location U02			
	RC4	3202	Initial
Rack location U03			
	RC4	3203	Initial

Rack location U04			
	RC4	3204	Initial
Rack location U05			
	RC4	3205	Initial
Rack location U06			
	RC4	3206	Initial
Rack location U07			
	RC4	3207	Initial
Rack location U08			
	RC4	3208	Initial
Rack location U09			
	RC4	3209	Initial
Rack location U10			
	RC4	3210	Initial
Rack location U11			
	RC4	3211	Initial
Rack location U12			
	RC4	3212	Initial
Rack location U13			
	RC4	3213	Initial
Rack location U14			
	RC4	3214	Initial
Rack location U15			
	RC4	3215	Initial
Rack location U16			
	RC4	3216	Initial
Rack location U17			
	RC4	3217	Initial
Rack location U18			
	RC4	3218	Initial
Rack location U19			
	RC4	3219	Initial
Rack location U20			
	RC4	3220	Initial
Rack location U21			
	RC4	3221	Initial
Rack location U22			
	RC4	3222	Initial
Rack location U23			
	RC4	3223	Initial
Rack location U24			
	RC4	3224	Initial
Rack location U25			
	RC4	3225	Initial
Rack location U26			
	RC4	3226	Initial
Rack location U27			
	RC4	3227	Initial
Rack location U28			
	RC4	3228	Initial
Rack location U29			
	RC4	3229	Initial
Rack location U30			
	RC4	3230	Initial
Rack location U31			
	RC4	3231	Initial
Rack location U32			
	RC4	3232	Initial
Rack location U33			
	RC4	3233	Initial
Rack location U34			
	RC4	3234	Initial
Rack location U35			
	RC4	3235	Initial
Rack location U36			
	RC4	3236	Initial
Rack location U37			
	RC4	3237	Initial
Rack location U38			
	RC4	3238	Initial
Rack location U39			
	RC4	3239	Initial
Rack location U40			
	RC4	3240	Initial
Rack location U41			
	RC4	3241	Initial
Rack location U42			
	RC4	3242	Initial

```
Rack location U43
                              RC4      3243          Initial
Rack location U44
                              RC4      3244          Initial
Rack location U45
                              RC4      3245          Initial
Rack location U46
                              RC4      3246          Initial
Rack location U47
                              RC4      3247          Initial
Rack location A
                              RC4      3251          Initial
Rack location B
                              RC4      3252          Initial
Rack location C
                              RC4      3253          Initial
Rack location D
                              RC4      3254          Initial
Rack location E
                              RC4      3255          Initial
Rack location F
                              RC4      3256          Initial
1U black plastic filler panel
                              RC4      4271          Initial
3U black plastic filler panel
                              RC4      4273          Initial
5U black plastic filler panel
                              RC4      4275          Initial
iDataPlex Cable Management Kit for Standard Racks
                              RC4      5893          Initial


IBM 1U 12 C13 Switched and Monitored 60A 3 Phase
PDU
                              RC4      5895          Initial
IBM 1U 9 C19/3 C13 Switched and Monitored 60A 3
Phase PDU
                              RC4      5897          Initial
DPI 100-127V NEMA PDU
                              RC4      5900          Initial
Combo PDU & 1p, 30A/208V, NEMA L6-30P(US)LC
                              RC4      5901          Initial
Combo PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC
                              RC4      5902          Initial


C13 PDU & 1p, 30A/208V, NEMA L6-30P(US)LC
                              RC4      5908          Initial
C13 PDU & 1p, 60A/208V, IEC 309 2P+G(US)LC
                              RC4      5909          Initial


DPI Universal Rack PDU (US LV)
                              RC4      5949          Initial


DPI Universal Rack PDU Module (WW)
                              RC4      5950          Initial


DPI Universal Rack PDU (US HV)
                              RC4      5951          Initial


DPI Single-phase 30A/208V C13 Enterprise PDU (US)
                              RC4      6012          Initial
DPI Single-phase 60A/208V C13 Enterprise PDU (US)
                              RC4      6013          Initial


DPI Single-phase 30A/208V C13 Enterprise PDU Plus
```

(US)
```
                              RC4      6032          Initial
```
DPI Single-phase 60A/208V C13 Enterprise PDU Plus
(US)
```
                              RC4      6033          Initial
```

DPI Three-phase 60A/208V C19 Enterprise PDU (US)
```
                              RC4      6061          Initial
```
DPI Single-phase 30A/208V C19 Enterprise PDU (US)
```
                              RC4      6062          Initial
```
DPI Single-phase 60A/208V C19 Enterprise PDU (US)
```
                              RC4      6063          Initial
```

4.3m, 16A/120V, C19 to NEMA L5-20P (US) Line Cord
```
                              RC4      6274          Initial
```

4.3m, 16A/208V, C19 to NEMA L6-20P (US) Line Cord
```
                              RC4      6275          Initial
```

4.3m, 30A/120V, NEMA L5-30P (US) Line Cord
```
                              RC4      6393          Initial
```
4.3m, 30A/208V, NEMA L6-30P (US) Line Cord
```
                              RC4      6394          Initial
```
4.3m, 60A/208V, IEC 309 2P+G (US) Line Cord
```
                              RC4      6395          Initial
```

4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord
```
                              RC4      6500          Initial
```
4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line Cord
```
                              RC4      6501          Initial
```

IBM 47U 1200mm Deep Static Rack
```
                              RC4      7653          Initial
```
IBM 47U 1200mm Deep Static Expansion Rack
```
                              RC4      7654          Initial
```
Customer Solution Center Services
```
                              RC4      7831          Initial
```
Consolidate Shipment
```
                              RC4      8031          Initial
```
TAA Compliant Order
```
                              RC4      8067          Initial
```
General Racking Solution
```
                              RC4      8072          Initial
```
No Publications Selected
```
                              RC4      8086          Initial
```
Ship empty
```
                              RC4      8970          Initial
```

Note: The following feature parts are not associated with the other products in this announcement.
This announcement is being used to announce the features.

The following is a newly announced feature on machine types 4190, 4194, 4251, 4252, 7944, 7945,
7946, 7947, 7376, 7377, and 7979 Models MC1 and AC1.

```
                                         Initial/
                                         MES/
                              Model  Feature    Both         RP
                              number number     support  CSU MES

  Advanced Grouping
                              MC1    A102        Initial
                              AC1                Initial
```

The following is a newly announced feature on machine types 4190, 4194, 4251, 4252, 7946, 7944,

7376, 7979, 7947, 7945, 8014, 9028, 7995, 7870, 7871, 7872, 7901, and 7902 Models MC1 and AC1.

```
                                   Initial/
                                   MES/
                    Model  Feature Both        RP
                    number number  support CSU MES

 System x Cluster Upgrade
                    MC1    A103     Initial
                    AC1             Initial
```

The following is a newly announced feature on machine types 8677 8720, 8730, 8852, 8740, 8750, 1735, 1723, 8767, 8765, and 3625 Model HC1.

```
                                   Initial/
                                   MES/
                    Model  Feature Both        RP
                    number number  support CSU MES

 System x Cluster Upgrade
                    HC1    A103     Initial
```

The following is a newly announced feature on machine type 2018 Model RC1.

```
                                   Initial/
                                   MES/
                    Model  Feature Both        RP
                    number number  support CSU MES

 System x Cluster Upgrade
                    RC1    A103     Initial
```

The following is a newly announced feature on machine type 8886 Model AC1.

```
                                   Initial/
                                   MES/
                    Model  Feature Both        RP
                    number number  support CSU MES

 System x Cluster Upgrade
                    AC1    A103     Initial
```

The following is a newly announced feature on machine types 7233 Models AC1, AC2, MC1, and MC2.

```
                                   Initial/
                                   MES/
                    Model  Feature Both        RP
                    number number  support CSU MES

 System x Cluster Upgrade
                    AC1    A103     Initial
                    AC2             Initial
                    MC1             Initial
                    MC2             Initial
```

The following is a newly announced feature on machine types 7145 and 7148 Models AC1, AC3, AC4, MC1, MC3, and MC4.

```
                                   Initial/
                                   MES/
                    Model  Feature Both        RP
                    number number  support CSU MES

 System x Cluster Upgrade
                    AC1    A103     Initial
                    AC3             Initial
                    AC4             Initial
                    MC1             Initial
                    MC3             Initial
                    MC4             Initial
```

The following is a newly announced feature on machine type 1726 Models HC2, HC3, HC4, HC6, HC7, and HC8.

```
                                   Initial/
                                   MES/
```

```
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              HC2     A103           Initial
                              HC3                    Initial
                              HC4                    Initial
                              HC6                    Initial
                              HC7                    Initial
                              HC8                    Initial
```

The following is a newly announced feature on machine type 1727 Models HC1 and HC5.

```
                                             Initial/
                                             MES/
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              HC1     A103           Initial
                              HC5                    Initial
```

The following is a newly announced feature on machine types 9308, 9360, 9361, 9362, and 9956
Model RC4.

```
                                             Initial/
                                             MES/
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              RC4     A103           Initial
```

The following is a newly announced feature on machine types 9307 and 1410 Models RC2 and RC4.

```
                                             Initial/
                                             MES/
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              RC2     A103           Initial
                              RC4                    Initial
```

The following is a newly announced feature on machine type 1754 Models HC1, HC2, HC3, and HC4.

```
                                             Initial/
                                             MES/
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              HC1     A103           Initial
                              HC2                    Initial
                              HC3                    Initial
                              HC4                    Initial
```

The following is a newly announced feature on machine type 2130 Models RU1 and TU1.

```
                                             Initial/
                                             MES/
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              RU1     A103           Initial
                              TU1                    Initial
```

The following is a newly announced feature on machine type 7176 Models PM1 and PN1.

```
                                             Initial/
                                             MES/
                              Model   Feature        Both          RP
                              number  number         support  CSU  MES
 System x Cluster Upgrade
                              PM1     A103           Initial
                              PN1                    Initial
```

The following is a newly announced feature on machine type 2419 Model RU1.

```
                                   Initial/
                                   MES/
                          Model   Feature    Both           RP
                          number  number     support   CSU MES

 System x Cluster Upgrade
                          RU1     A103        Initial
```

The following is a newly announced feature on machine type 5395 Models RU1, RU2, RU3, and RU4.

```
                                   Initial/
                                   MES/
                          Model   Feature    Both           RP
                          number  number     support   CSU MES

System x Cluster Upgrade
                          RU1     A103        Initial
                          RU2                 Initial
                          RU3                 Initial
                          RU4                 Initial
```

The following is a newly announced feature on machine type 4667 Models HC3, HC4, HC5, HC6, HC7, HC8, HC9, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ, HCK, HCL, HCM, HCN, HCP, HCQ, HCR, HCS, HCT, HCU, HCV, and HCW.

```
                                   Initial/
                                   MES/
                          Model   Feature    Both           RP
                          number  number     support   CSU MES

System x Cluster Upgrade

                          HC3     A103        Initial
                          HC4                 Initial
                          HC5                 Initial
                          HC6                 Initial
                          HC7                 Initial
                          HC8                 Initial
                          HC9                 Initial
                          HCA                 Initial
                          HCB                 Initial
                          HCC                 Initial
                          HCD                 Initial
                          HCE                 Initial
                          HCF                 Initial
                          HCG                 Initial
                          HCH                 Initial
                          HCJ                 Initial
                          HCK                 Initial
                          HCL                 Initial
                          HCM                 Initial
                          HCN                 Initial
                          HCP                 Initial
                          HCQ                 Initial
                          HCR                 Initial
                          HCS                 Initial
                          HCT                 Initial
                          HCU                 Initial
                          HCV                 Initial
                          HCW                 Initial
```

The following is a newly announced feature on machine types 0446 and 4668 Models HC3, HC4, HC5, HC6, HC7, and HC8.

```
                                   Initial/
                                   MES/
                          Model   Feature    Both           RP
                          number  number     support   CSU MES

System x Cluster Upgrade

                          HC3     A103        Initial
                          HC4                 Initial
                          HC5                 Initial
```

```
                                    HC6            Initial
                                    HC7            Initial
                                    HC8            Initial
```

The following is a newly announced feature on machine type 4669 Models HC3, HC5, HC6, HC8,
HC9, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ, HCK, HCL, HCM, HCN, HCP, HCQ,
HCR, HCS, HCT, HCU, HCV, and HCW.

```
                                               Initial/
                                               MES/
                                Model  Feature  Both            RP
                                number number   support  CSU  MES
```

System x Cluster Upgrade

```
                                    HC3    A103      Initial
                                    HC5              Initial
                                    HC6              Initial
                                    HC8              Initial
                                    HC9              Initial
                                    HCA              Initial
                                    HCB              Initial
                                    HCC              Initial
                                    HCD              Initial
                                    HCE              Initial
                                    HCF              Initial
                                    HCG              Initial
                                    HCH              Initial
                                    HCJ              Initial
                                    HCK              Initial
                                    HCL              Initial
                                    HCM              Initial
                                    HCN              Initial
                                    HCP              Initial
                                    HCQ              Initial
                                    HCR              Initial
                                    HCS              Initial
                                    HCT              Initial
                                    HCU              Initial
                                    HCV              Initial
                                    HCW              Initial
```

The following is a newly announced feature on machine type 4670 Models HC3, HC5, HC7, HCA,
HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ, HCK, HCL, HCM, HCN, HCP, HCQ, HCR, HCS,
HCT, HCU, HCV, HCW, and HCY.

```
                                               Initial/
                                               MES/
                                Model  Feature  Both            RP
                                number number   support  CSU  MES
```

System x Cluster Upgrade

```
                                    HC3    A103      Initial
                                    HC5              Initial
                                    HC7              Initial
                                    HCA              Initial
                                    HCB              Initial
                                    HCC              Initial
                                    HCD              Initial
                                    HCE              Initial
                                    HCF              Initial
                                    HCG              Initial
                                    HCH              Initial
                                    HCJ              Initial
                                    HCK              Initial
                                    HCL              Initial
                                    HCM              Initial
                                    HCN              Initial
                                    HCP              Initial
                                    HCQ              Initial
                                    HCR              Initial
                                    HCS              Initial
                                    HCT              Initial
                                    HCU              Initial
                                    HCV              Initial
                                    HCW              Initial
```

```
                                 HCX                 Initial
                                 HCY                 Initial
```

The following is a newly announced feature on machine type 0445 Models HC3, HC4, HC5, HC7, HC8, HCA, and HCB.

```
                                          Initial/
                                          MES/
                         Model   Feature  Both           RP
                         number  number   support  CSU  MES

System x Cluster Upgrade
                         HC3     A103     Initial
                         HC4              Initial
                         HC5              Initial
                         HC7              Initial
                         HC8              Initial
                         HCA              Initial
                         HCB              Initial
```

The following is a newly announced feature on machine type 0448 Models HC3 and HC4.

```
                                          Initial/
                                          MES/
                         Model   Feature  Both           RP
                         number  number   support  CSU  MES

System x Cluster Upgrade
                         HC3     A103     Initial
                         HC4              Initial
```

The following is a newly announced feature on machine type 0449 Models HC3, HC4, HC5, HC6, HC7, HC8, HC9, HCA, HCB, HCC, HCD, HCE, HCF, HCG, HCH, HCJ , HCK, HCL, HCM, and HCN.

```
                                          Initial/
                                          MES/
                         Model   Feature  Both           RP
                         number  number   support  CSU  MES

System x Cluster Upgrade
                         HC3     A103     Initial
                         HC4              Initial
                         HC5              Initial
                         HC6              Initial
                         HC7              Initial
                         HC8              Initial
                         HC9              Initial
                         HCA              Initial
                         HCB              Initial
                         HCC              Initial
                         HCD              Initial
                         HCE              Initial
                         HCF              Initial
                         HCG              Initial
                         HCH              Initial
                         HCJ              Initial
                         HCK              Initial
                         HCL              Initial
                         HCM              Initial
                         HCN              Initial
```

The following is a newly announced feature on machine type 0563 Models HC3, HC5, HC6, HC7, HC8, HC9, HCA, HCB, HCC, HCF, HCG, HCH, and HCJ.

```
                                          Initial/
                                          MES/
                         Model   Feature  Both           RP
                         number  number   support  CSU  MES

System x Cluster Upgrade
                         HC3     A103     Initial
                         HC5              Initial
                         HC6              Initial
                         HC7              Initial
                         HC8              Initial
                         HC9              Initial
```

```
                                    HCA                 Initial
                                    HCB                 Initial
                                    HCC                 Initial
                                    HCF                 Initial
                                    HCG                 Initial
                                    HCH                 Initial
                                    HCJ                 Initial
```

The following is a newly announced feature on machine type 0564 Model HC3.

```
                                              Initial/
                                              MES/
                              Model  Feature  Both         RP
                              number number   support  CSU MES

System x Cluster Upgrade
                              HC3    A103     Initial
```

```
                                              SEO
Description                                   number

Custom Integration - Rochester                59Y8121
```

```
                                       Part
Description                            number

IBM 42U 1200mm Deep Dynamic Rack             93604PX
IBM 42U 1200mm Deep Dynamic Expansion Rack   93604EX

IBM 42U 1200mm Deep Static Rack              93614PX
IBM 42U 1200mm Deep Static Expansion Rack    93614EX

IBM 47U 1200mm Deep Static Rack              93624PX
IBM 47U 1200mm Deep Static Expansion Rack    93624EX
```

```
                  Machine              Part
Description       type    Model        number

 Static           9361    4PX/4EX      93614PX
 Rack                                  93614EX
                  9362    4PX/4EX      93624PX
                                       93624EX

 Dynamic Rack     9360    4PX/4EX      93604PX
                                       93604EX
```

```
Field    Plant
install  install  MES      Cables
only     only     removal  required

 Y         N       Y         N
```

If field installed on a purchased machine, parts removed or
replaced become the property of IBM and must be returned.

ServicePac for Warranty Service Upgrade (WSU) and Maintenance

```
Machine                             ServicePac SEO  ServicePac TMF
type/Model  Description             part number     part number

9360-XXX    3-year IOR 9 x 5        12X7014         6756616
9361-XXX    4-hour response
9362-XXX

9360-XXX    3-year IOR 24 x 7       12X7015         6756617
9361-XXX    4-hour average response
9362-XXX

9360-XXX    3-year IOR 24 x 7       12X7016         6756618
9361-XXX    2-hour average response
9362-XXX

9360-XXX    4-year IOR 9 x 5        12X7017         6756619
9361-XXX
```

```
9362-XXX

9360-XXX     4-year IOR 9 x 5          12X7018        6756620
9361-XXX     4-hour response
9362-XXX

9360-XXX     4-year IOR 24 x 7         12X7019        6756621
9361-XXX     4-hour average response
9362-XXX

9360-XXX     4-year IOR 24 x 7         12X7020        6756622
9361-XXX     2-hour average response
9362-XXX

9360-XXX     5-year IOR 9 x 5          12X7021        6756623
9361-XXX
9362-XXX

9360 XXX     5-year IOR 9 x 5          12X7022        6756624
9361-XXX     4-hour response
9362-XXX

9360-XXX     5-year IOR 24 x 7         12X7023        6756625
9361-XXX     4-hour average response
9362-XXX

9360-XXX     5-year IOR 24 x 7         12X7024        6756626
9361-XXX     2-hour average response
9362-XXX

9360-XXX     1-year MA IOR 9 x 5       12X7025        6756L83
9361-XXX     NBD response
9362-XXX

9360-XXX     1-year MA IOR 9 x 5       12X7026        6756L84
9361-XXX     4-hour average response
9362-XXX

9360-XXX     1-year MA IOR 24 X 7      12X7027        6756L85
9361-XXX     4-hour average response
9362-XXX

9360-XXX     1-year MA IOR 24 X 7      12X7028        6756L86
9361-XXX     2-hour average response
9362-XXX

9360-XXX     2-year MA IOR 9 x 5       12X7029        6756L87
9361-XXX     NBD response
9362-XXX

9360-XXX     2-year MA IOR 9 x 5       12X7030        6756L88
9361-XXX     4-hour average response
9362-XXX

9360-XXX     2-year MA IOR 24 X 7      12X7031        6756L89
9361-XXX     4-hour average response
9362-XXX

9360-XXX     2-year MA IOR 24 X 7      12X7032        6756L90
9361-XXX     2-hour average response
9362-XXX
```

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