

# Data Sheet FUJITSU Storage ETERNUS DX200 S5 Disk System

The all-in-one storage system for SMBs or subsidiaries



#### ETERNUS DX - Business-centric Storage

FUJITSU Storage ETERNUS DX series are the ideal hybrid storage for on-premise storage of business-critical data in data centers, branch offices and self-operated IT of SMBs, something every business can afford, with integrated and powerful features for business growth, efficiency and continuity. Latest capacity and performance optimization capabilities contribute to overall business efficiency, outstanding data-safe technologies and all-inclusive encryption guarantee uncompromised business continuity.

#### **ETERNUS DX200 S5**

The scalable and unified Fujitsu Storage ETERNUS DX200 S5 delivers enterprise-class functionality to small and medium-sized companies and subsidiaries with an excellent price/performance ratio. It is the perfect solution when consolidating data for server virtualization, e-mail, databases and business applications as well as centralized file services. Simple, intuitive system management, highly flexible connectivity and the option of field upgrades to higher system classes significantly reduce operational and migration costs. The ETERNUS DX family architecture lets customers benefit from software options such as - thin provisioning, automatic storage tiering, transparent failover and quality of service management even in the entrylevel class. All of which contribute to better business support and quarantees continuity and efficiency in daily operations.



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# Features & Benefits

Main Features	Benefits
Maximum utilization and consolidation	
	Comprehensive scalability ready for future needs
	Outstanding benchmark results with ultra-low latency
	<ul> <li>Unified SAN and NAS access drive system utilization improving ROI</li> <li>Flexible combination of flash and disk media for a broader scope of</li> </ul>
	deployments
	ETERNUS SF Express management suite included at no extra cost
Business Continuity around the clock	
	<ul> <li>Replication and Storage Cluster to avoid planned or unplanned downtimes</li> </ul>
	<ul> <li>Transparent failover for 100% data insurance and non-stop operations</li> </ul>
	Intelligent snapshot functionality for backup
	System availability of 99.9999%
Automated Quality-of-Service	
	Control of applications priorities according to business needs.
	<ul> <li>Automation of monitoring and adjustment</li> </ul>
	<ul> <li>Minimization of admin efforts</li> <li>Guaranteed service levels</li> </ul>
Selective use of deduplication / compression	■ Uudidiileeu Seivile ieveis
selective use of deduplication? complession	Decide on application label which option fits best
	<ul> <li>Don't compromise applications with performance SLA's</li> </ul>
	■ Capacity savings in hybrid configurations

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# Technical details

General system information						
	2.5-inch Controller Enclosure 3.5-inch Controller Enclosure					
No. of controllers	1/2					
No. of host interfaces	4-16 ports [FC(16Gbit/s)], 8/16 ports [Ethernet(1Gbit/s)], 4/8 ports [FC(32Gbit/s), iSCSI(10Gbit/s, 1Gbit/s), SAS (12Gbit/s)					
Maximum System Memory	128 GB					
Extreme Cache Pool	1.6 TB					
Maximum Disk Drives	264					
Max. no. of drive enclosures	10					
Note	10 with 2.5" or 3.5" DE, 4 with HD-DE or mixture of DEs up to Max no. Drives					
Supported RAID levels	0, 1, 1+0, 5, 5+0, 6					
Host Interfaces	Fibre Channel (16 Gbit/s, 32Gbit/s) iSCSI (10 Gbit/s [10GBase-SR, 10GBase-CR, 10GBase-T], 1 Gbit/s) SAS (12Gbit/s) Ethernet (10 Gbit/s, 1 Gbit/s)					
Mixed host interfaces	Yes					
Max. no. of hosts	1,024					
Supported NAS protocols	CIFS (SMB 3.0), CIFS (SMB 2.0), NFSv4, NFSv3, NFSv2, FTP, FXP					
Maximum Storage Capacity HDD	3,696 TB					
Maximum Storage Capacity SSD	8.110 TB					
Drive Type	2.5-inch, SAS, 15,000 rpm (900 GB / 600 GB / 300 GB) 2.5-inch, SAS, 10,000 rpm (2.4 TB/ 1.8 TB / 1.2 TB / 600 GB / 300 GB*) 2.5-inch, SAS (FIPS), 10,000rpm (1.2TB) 2.5-inch, SSD (30.72TB / 15.36TB / 7.68TB / 3.84TB / 1.92TB / 960GB / 800GB) 2.5-inch, SSD (FIPS) (7.68TB / 3.84TB / 1.92TB) 3.5-inch, Nearline SAS, 7,200 rpm (14TB / 12TB/ 10TB / 8TB / 6TB / 4TB) 3.5-inch, Nearline SAS (FIPS), 7,200 rpm (12TB / 8TB / 4TB) 3.5-inch, SSD (7.68TB / 3.84TB / 1.92TB / 960GB / 800GB) 3.5-inch, SSD (self-encrypting) (3.84 TB/1.92 TB) HDDE, Nearline SAS, 7,200 rpm (14TB / 12TB / 8TB / 4TB) HDDE, Nearline SAS (FIPS), 7,200 rpm (12TB / 8 TB / 4TB)					
Max. no. of SSDs	unlimited					
Mixed 2.5 inch/ 3.5 inch drive enclosures	Yes					
Drive interface	Serial Attached SCSI (12 Gbit/s)					
Back-end disk connectivity	1 pair of four-lane x 12 Gbit/s Serial Attached SCSI buses (SAS 3.0 wide)					
Max. no. of RAID groups per system	132					
Max. no. of LUNs per RAID group	128					
Max. no. of LUNs	8,192					
Max. LUN capacity	128 TB					
Max. no. of copy generations	512					
Deduplication	for block					
Compression	for block					
Performance						
Latency	140µsec (Read), 60µsec (Write)					
Sequential access performance	11,000 MB/s (128KB Read) 4,400 MB/s (128KB Write)					
Random access performance	530,000 IOPS (8KB Read) 230,000 IOPS (8KB Write)					

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Automated Sorage Teeing Outlook Service Outspace Continuity management Storage Cluster Emerate Copy functionality Information security management Data confidentiality Data Block Guard, Data Encryption, Cache Protection, Duk Drive Patrol, Global Hot Spare, Dedicated Hot Spare, Copy Back less, Drive shield, Fest Recovery  Availability management Data confidentiality Data Block Guard, Data Encryption, Cache Protection, Duk Drive Patrol, Global Hot Spare, Dedicated Hot Spare, Copy Back less, Drive shield, Fest Recovery  Availability management Hot part replacement Capacity management Hot part replacement Ves  RADI migration Nes RADI mig							
Quality of Service         Yes           Automation options can be activated via ETERNUS SF Software         Continuity management           Storage Guster         Yes           Remote Copy functionality         Symbronous and asynchronous           Information security management         Property of Copy (LAP) Bidirectional CHAP           Data confidentiality         HTTPS (SSL), SSH, CHAP, Bidirectional CHAP)           Data and Block Guard, Data Encryption, Cardie Protection, Disk Drive Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Dedicated Hot Spare, Copy Data (Has), Brown Pacid, Gobal Hot Spare, Consumption         All major hot Spare, Gobal Hot Spare, Data (Has), Brown	Performance management						
Automation options can be activated via ETERNUS SF Software							
Storage Cluster	<u> </u>						
Storage Cluster Yes Remote Copy functionality Sprictionous and asynchronous Information security management Data confidentiality Data integrity Data integrity Data Block Guard, Data Encryption, Cache Protection, Disk Drive Patrol, Clobal Hot Spare, Dedicated Hot Spare, Copy back less, Drive shield, Fast Recovery Availability management Woor-distriptive Immare upgrade Hot part replacement Spring Yes Reporting function Networks Server 2016 Windows Server 2016 Windows Server 2016 Windows Server 2016 Hyper-V Nations of Windows Server 2016 Hyper-V Nations	Note	Automation options can be activated via ETERNUS SF Software					
Information security management   Part	Continuity management						
Information security management Data confidentiality Data integrity Data integrity Data Block Guard, Data Encryption, Cache Protection, Disk Drive Patrol, Global Hot Spare, Dedicated Hot Spare, Copy Dack Less, Drive shield, Fast Ricovery Availability management Non-disruptive firmware upgrade Non-disruptive firmware	Storage Cluster	Yes					
Data confidentiality	Remote Copy functionality	Synchronous and asynchronous					
Data Integrity  Data Block Guard, Data Encryption, Cache Protection, Disk Drive Patrol, Global Hot Spare, Dedicated Hot Spare, Copy back less, Drive shield, Fast Recovery  Availability management  Non-disruptive firmware upgrade  Ves  RAID migration Yes  RAID migration Yes  RAID migration Yes  Management  Administration Web based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server  Microsoft* Windows Server* 2019  Microsoft* Windows Server* 2019  Microsoft* Windows Server* 2018  Microsoft* Windows Server* 2018  Microsoft* Windows Server* 2018  Microsoft Interprise Linux 9  Red Hat Enterprise Linux 9  Red Hat Desprise Linux 6  Oracle Linu	Information security management						
Availability management Non-disruptive firmware upgrade Non-di	Data confidentiality	HTTPS (SSL), SSH, CHAP, Bidirectional CHAP					
Non-disruptive firmware upgrade Hot part replacement Capacity management Hinh Provisioning Yes RAID migration Yes RAID migration Yes RAID migration Yes Management Administration Web-based graphical user interface, CLI (Command Line Interface), FTERNUS SF Supported OS for ETERNUS SF Operation Management Server Microsofit* Windows Server* 2019 Microsofit* Windows Server* 2012, 2012 R2 Solaris* 11 (11/11 or late) Solaris*	Data integrity						
Hot part replacement Capacity management Thin Provisioning Yes Reporting function Yes Reporting function Yes Reporting function Web based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server Microsoft Windows Server® 2019 Microsoft Windows Server® 2016 Microsoft Windows Server 2016 Hyper V Microsoft Windows Server 2017 Hyper V Micro	Availability management						
Thin Provisioning Yes RAID migration Yes Reporting function Yes Management Administration Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF Operation Management Server Microsoft* Windows Server* 2019 Microsoft* Windows Server* 2019 Microsoft* Windows Server* 2016 Microsoft* Windows Server* 2018 Red Hat* Enterprise Linux* 8 Red Hat* Enterprise Linux* 6 Oracle Linux 6 Oracle L	Non-disruptive firmware upgrade	Yes					
Thin Provisioning Yes RAID migration Yes Reporting function Hot part expansion Yes  Management  Administration Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server Microsoft* Windows Server* 2019 Microsoft* Windows Server* 2016 Microsoft* Windows Server* 2018 Microsoft* Windows Server* 2018 Microsoft* Windows Server* 2018 Solaris* 11 (11/11 or late) Solaris* 10 (except ETERNUS SF Express) Red Hat Enterprise Linux 8 Red Hat* Enterprise Linux 6 Oracle Linux 6 ViMware* v.Sphese* 6.0, 6.5, 6.7 Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Chineme 60, 75 Chome* 47, 50 (Android*) Safari 8, 9 (ioS)  Note See the ETERNUS SF datasheet for further options  Microsoft internet Explorer 10, 11 Firefox ESR 60, ESR 68 Microsoft Edge 25, 42, 44 Google Chineme 60, 75 Chome* 47, 50 (Android*) Safari 8, 9 (ioS)  Note See the ETERNUS SF datasheet for further options  Malmajor host operating systems, servers and business applications Detailed support matrix: www.fujitsu.com/global/support/products/computing/storage/disk/supported-configrations  Installation specification  19" rackmount Yes  Power of requency Sol / 60 Hz  Maximum Power Consumption AC 100 - 120 V / AC 200 - 240 V  Maximum Power Consumption AC 200 - 240 V: 6,630W (6,760VA)	Hot part replacement	Yes					
Thin Provisioning Yes RAID migration Yes Reporting function Hot part expansion Yes  Management  Administration Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server Microsoft* Windows Server* 2019 Microsoft* Windows Server* 2016 Microsoft* Windows Server* 2018 Microsoft* Windows Server* 2018 Microsoft* Windows Server* 2018 Solaris* 11 (11/11 or late) Solaris* 10 (except ETERNUS SF Express) Red Hat Enterprise Linux 8 Red Hat* Enterprise Linux 6 Oracle Linux 6 ViMware* v.Sphese* 6.0, 6.5, 6.7 Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Chineme 60, 75 Chome* 47, 50 (Android*) Safari 8, 9 (ioS)  Note See the ETERNUS SF datasheet for further options  Microsoft internet Explorer 10, 11 Firefox ESR 60, ESR 68 Microsoft Edge 25, 42, 44 Google Chineme 60, 75 Chome* 47, 50 (Android*) Safari 8, 9 (ioS)  Note See the ETERNUS SF datasheet for further options  Malmajor host operating systems, servers and business applications Detailed support matrix: www.fujitsu.com/global/support/products/computing/storage/disk/supported-configrations  Installation specification  19" rackmount Yes  Power of requency Sol / 60 Hz  Maximum Power Consumption AC 100 - 120 V / AC 200 - 240 V  Maximum Power Consumption AC 200 - 240 V: 6,630W (6,760VA)	Capacity management						
RADD migration Reporting function Hot part expansion Yes  Management Administration Web-based graphical user interface, CLI (command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server Operation Management Server Administration Wicrosoft® Windows Server® 2019 Microsoft® Windows Server® 2019 Microsoft® Windows Server® 2016 Microsoft® Windows Server 2012, 2012 R2 Solars® 11 (11/11 or later) Solars® 10 (except ETERNUS SF Express) Red Hat Enterprise Linux® 7 Red Hat Enterprise Linux® 6 Oracle Linux 6 Oracle Lin	Thin Provisioning	Yes					
Reporting function Hot part expansion Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server  Microsoft® Windows Server® 2019 Microsoft® Windows Server® 2016 Microsoft® Windows Server® 2016 Microsoft® Windows Server® 2017, 2012 R2 Solaris® 10 (except ETERNUS SF Express) Red Hat® Enterprise Linux® 7 Red Hat® Enterprise Linux® 7 Red Hat® Enterprise Linux® 6 Oracle Linux 6 Wilware® vSphere® 6.0, 6.5, 6.7 Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2017 Hyper-V Microsoft Windows Server 2018 Hyper-V Microsoft Windows Server 2018 Hyper-V Microsoft Windows Server 2018 Hyper-V Mic	RAID migration						
Management Administration Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server Microsoft® Windows Server® 2019 Microsoft® Windows Server® 2016 Microsoft® Windows Server® 2012, 2012 R2 Solaris® 11 (11/11 or later) Solaris® 10 (excepte ETERNUS SF Express) Red Hat Enterprise Linux 8 Red Hat® Enterprise Linux 8 Red Hat® Enterprise Linux 8 Red Hat® Enterprise Linux 8 Oracle Linux 6 Oracle Linux 6 Oracle Linux 6 Wicrosoft Windows Server 2019 Hyper-V Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Edge 25, 42, 44 Google Chrome 60, 75 Chrome® 47, 50 (Android®) Safari 8, 9 (105)  Note See the ETERNUS SF datasheet for further options  Supported configurations Detailed support matrix: www.fujtsu.com/global/support/products/computing/storage/disk/supported-configrations  Installation specification  19" rackmount Yes Power frequency Maximum Power Consumption AC 100 - 120 V / AC 200 - 240 V Maximum Power Consumption AC 200 - 240 V : 6,630W (6,760VA)  Maximum Power Consumption AC 200 - 240 V : 6,630W (6,760VA)		Yes					
Administration  Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server  Microsoft® Windows Server® 2019 Microsoft® Windows Server 2016 Microsoft® Mindows Server 2016 Microsoft Windows Server 2016 Microsoft Windows Server 2016 Microsoft Windows Server 2016 Microsoft Windows Server 2017 Solaris® 11 (11/11 or later) Solaris® 10 (except ETERNUS SF Express) Red Hat Enterprise Linux® 7 Red Hat® Enterprise Linux® 6 Oracle Linux 6 Vilware® vSphere® 6.0, 6.5, 6.7 Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2012 Hyper-V Microsoft Windows Server 2012 Hyper-V Microsoft Windows Server 2012 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2017 Hyper-V Microsoft Windows Server	Hot part expansion	Yes					
Administration  Web-based graphical user interface, CLI (Command Line Interface), ETERNUS SF  Supported OS for ETERNUS SF  Operation Management Server  Microsoft® Windows Server® 2019 Microsoft® Windows Server 2016 Microsoft® Mindows Server 2016 Microsoft Windows Server 2016 Microsoft Windows Server 2016 Microsoft Windows Server 2016 Microsoft Windows Server 2017 Solaris® 11 (11/11 or later) Solaris® 10 (except ETERNUS SF Express) Red Hat Enterprise Linux® 7 Red Hat® Enterprise Linux® 6 Oracle Linux 6 Vilware® vSphere® 6.0, 6.5, 6.7 Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2012 Hyper-V Microsoft Windows Server 2012 Hyper-V Microsoft Windows Server 2012 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2017 Hyper-V Microsoft Windows Server	Management						
Supported OS for ETERNUS SF  Operation Management Server  Microsoft® Windows Server® 2019 Microsoft® Windows Server 2012, 2012 R2 Solaris® 11 (11/11 or later) Solaris® 10 (except ETERNUS SF Express) Red Hat Enterprise Linux® 7 Red Hat® Enterprise Linux® 7 Red Hat® Enterprise Linux® 6 Oracle Linux 6 VMware® %Sphere® 6.0, 6.5, 6.7 Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2012 Hyper-V Micro		Web-based graphical user interface CLL (Command Line Interface). FTERNITS SE					
Microsoft Windows Server 2019		web based graphical aset interface, car (command after interface), are interface).					
Microsoft® Windows Server® 2016 Microsoft® Mindows Server 2012, 2012 R2 Solaris® 11 (11/11 or later) Solaris® 10 (except ETERNUS SF Express) Red Hat Enterprise Linux® 1 Red Hat® Enterprise Linux® 6 Oracle Linux 6 ViMware® vSphere® 6.0, 6.5, 6.7 Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V, 2012 R2 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2018 Hyper-V Microsoft Windows Server 2018 Hyper-V Microsoft Windows Server 2012 R2 Hyper-V Microsoft Windows Server 2018 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2018 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 20		W. (MAN)   C. (M. 2010)					
Firefox ESR 60, ESR 68 Microsoft Edge 25, 42, 44 Google Chrome 60, 75 Chrome® 47, 50 (Android®) Safari 8, 9 (iOS)  Note  See the ETERNUS SF datasheet for further options  Supported configurations All major host operating systems, servers and business applications Detailed support matrix: www.fujitsu.com/global/support/products/computing/storage/disk/supported-configrations  Installation specification  19" rackmount Yes  Power voltage AC 100 - 120 V / AC 200 - 240 V  Power frequency 50 / 60 Hz  Maximum Power Consumption AC 100 - 120 V: 6,630W {6,760VA}  Maximum Power Consumption AC 200 - 240 V: 6,630W (6,760VA)		Microsoft Windows Server 2012, 2012 R2 Solaris® 11 (11/11 or later) Solaris® 10 (except ETERNUS SF Express) Red Hat Enterprise Linux 8 Red Hat® Enterprise Linux® 7 Red Hat® Enterprise Linux® 6 Oracle Linux 6 VMware® vSphere® 6.0, 6.5, 6.7 Microsoft Windows Server 2019 Hyper-V Microsoft Windows Server 2016 Hyper-V Microsoft Windows Server 2012 Hyper-V, 2012 R2 Hyper-V					
All major host operating systems, servers and business applications Detailed support matrix: www.fujitsu.com/global/support/products/computing/storage/disk/supported-configrations  Installation specification  19" rackmount Yes  Power voltage AC 100 - 120 V / AC 200 - 240 V  Power frequency 50 / 60 Hz  Maximum Power Consumption AC 200 - 240 V: 6,630W {6,760VA}  Maximum Power Consumption AC 200 - 240 V: 6,630W (6,760VA)	Operation Management Client	Firefox ESR 60, ESR 68 Microsoft Edge 25, 42, 44 Google Chrome 60, 75 Chrome® 47, 50 (Android®)					
Detailed support matrix: www.fujitsu.com/global/support/products/computing/storage/disk/supported-configrations  Installation specification  19" rackmount Yes  Power voltage AC 100 - 120 V / AC 200 - 240 V  Power frequency 50 / 60 Hz  Maximum Power Consumption AC 100 - 120 V: 6,630W {6,760VA}  Maximum Power Consumption AC 200 - 240 V: 6,630W (6,760VA)	Note	See the ETERNUS SF datasheet for further options					
19" rackmount       Yes         Power voltage       AC 100 - 120 V / AC 200 - 240 V         Power frequency       50 / 60 Hz         Maximum Power Consumption       AC 100 - 120 V: 6,630W {6,760VA}         Maximum Power Consumption       AC 200 - 240 V: 6,630W (6,760VA)	Supported configurations	All major host operating systems, servers and business applications  Detailed support matrix:					
Power voltage         AC 100 - 120 V / AC 200 - 240 V           Power frequency         50 / 60 Hz           Maximum Power Consumption         AC 100 - 120 V: 6,630W {6,760VA}           Maximum Power Consumption         AC 200 - 240 V: 6,630W (6,760VA)	Installation specification						
Power frequency         50 / 60 Hz           Maximum Power Consumption         AC 100 - 120 V: 6,630W {6,760VA}           Maximum Power Consumption         AC 200 - 240 V: 6,630W (6,760VA)	19" rackmount	Yes					
Power frequency         50 / 60 Hz           Maximum Power Consumption         AC 100 - 120 V: 6,630W {6,760VA}           Maximum Power Consumption         AC 200 - 240 V: 6,630W (6,760VA)	Power voltage	AC 100 - 120 V / AC 200 - 240 V					
Maximum Power Consumption         AC 100 - 120 V: 6,630W {6,760VA}           Maximum Power Consumption         AC 200 - 240 V: 6,630W (6,760VA)	Power frequency						
Maximum Power Consumption         AC 200 - 240 V: 6,630W (6,760VA)	Maximum Power Consumption	AC 100 - 120 V: 6,630W {6,760VA}					
	Maximum Power Consumption						
	Power phase	Single					

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	2.5-inch Controller Enclosure	3.5-inch Controller Enclosure	2.5-inch Drive Enclosure	3.5-inch Drive Enclosure	High-Density Drive Enclosure				
Dimensions (W x D x H)	482 x 645 x 88 mm 19 x 25.4 x 3.5 inch 2 U	482 x 670 x 88 mm 19 x 26.4 x 3.5 inch 2 U	482 x 540 x 88 mm 19 x 21.3 x 3.5 inch 2 U	482 x 560 x 88 mm 19 x 22 x 3.5 inch 2 U	482 x 980 x 176 mm 19 x 38.6 x 6.9 inch 4 U				
Weight	35 kg (77 lb)	35 kg (77 lb)	35 kg (77 lb)	35 kg (77 lb)	100 kg (220 lb)				
Environment									
Maximum Heat Generation		AC 100 - 120 V: 24,390: kJ/h							
	· · · · · · · · · · · · · · · · · · ·	AC 200 - 240 V: 24,390: kJ/h							
Humidity (operating)	20 - 80 %	20 - 80 %							
Operating environment	FTS 04230 – Guidelin	FTS 04230 – Guideline for Data Center (installation specification)							
Operating environment link	http://docs.ts.fujitsu.c	http://docs.ts.fujitsu.com/dl.aspx?id=589915e9-1bf8-40f7-8ba4-7cac9371f2f0							
Compliance									
Product safety	UL 60950-1, CSA 609	UL 60950-1, CSA 60950-1, EN 60950-1, IEC 60950-1, TP TC 004/2011, CNS14336							
Electromagnetic Compatibility	FCC Part-15 Class A, IC Class A, KN22	FCC Part-15 Class A, ICES-003 Class A, EN 55022 (2010), +AI, VCCI Class A, AS/NZS CISPR 22 Class A, CNS13438 (C635 Class A, KN22							
Electromagnetic Immunity	EN 55024	EN 55024							
Environmental compliance	RoHS compliant, WEE	RoHS compliant, WEEE compliant							
Compliance notes		There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.							
Compliance link	https://sp.ts.fujitsu.co	https://sp.ts.fujitsu.com/sites/certificates							
Warranty									
Warranty period	3 years	3 years							
Warranty type	Onsite warranty	Onsite warranty							
Warranty Terms & Conditions Product Support Services - the perfe	www.fujitsu.com/war ect extension	ranty							
Support Pack Options	Available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time (depending on country) 24x7, 4h Onsite Response Time (depending on country)								
Recommended Service	24x7, Onsite Respons	24x7, Onsite Response Time: 4h							
Service Lifecycle	5 years after end of p	5 years after end of product life							
Service Weblink	www.fujitsu.com/serv	www.fujitsu.com/services/product-services							

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## Fujitsu products, solutions & services

In addition to FUJITSU ETERNUS DX200 S5, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

#### Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

#### **Computing Products**

www.fujitsu.com/global/products/computing/

#### Software

www.fujitsu.com/software/

#### More information

Learn more about Fujitsu ETERNUS DX200 S5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com/eternus

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at http://www.fujitsu.com/qlobal/about/environment



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