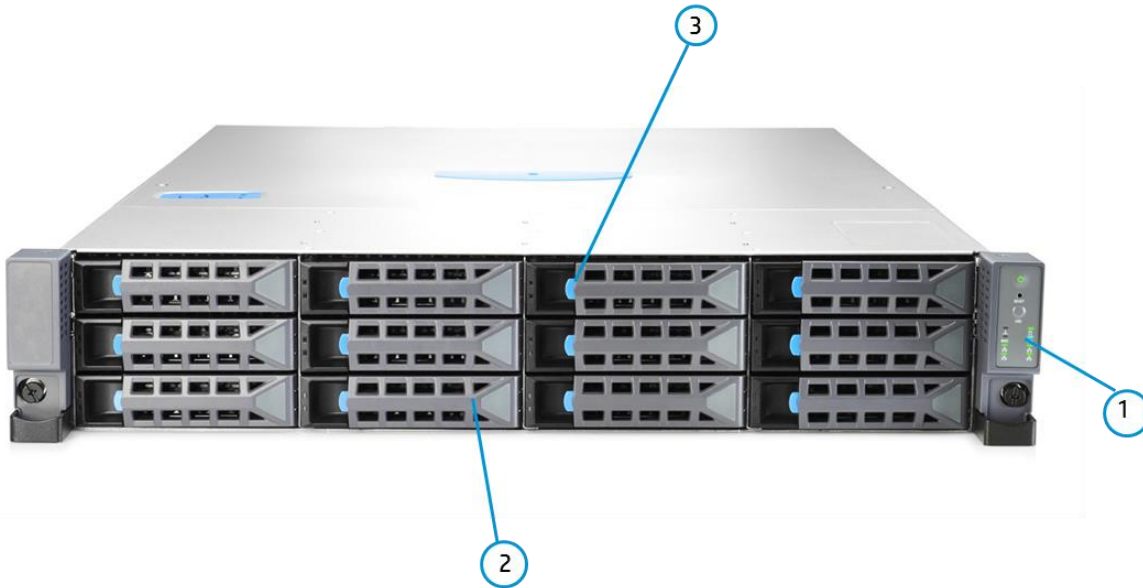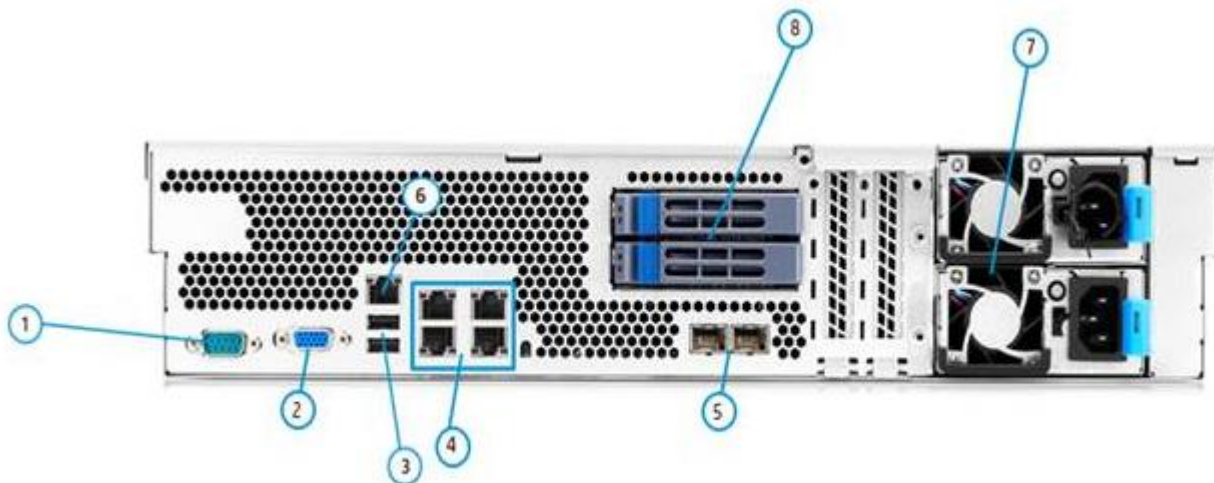Overview

HP Cloudline CL2200 G3 1211R Server

The HP CL2200 G3 Server designed for Big Data and Storage-intensive Cloud applications, the Cloudline CL2200 is a 2U, 2P server featuring the latest Intel Xeon E5 v3 series processors.

Item Description
Front View Item Description

1.   Front Control Panel w/ LED Status indicators
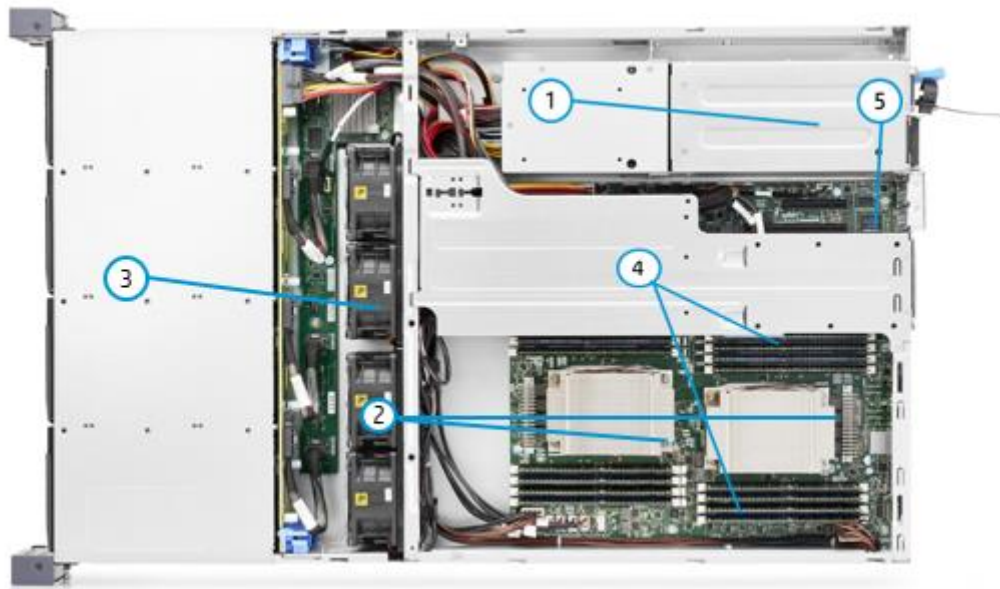2.   12 LFF Drives
3.   12 LFF Drive Cage Bay

Item Description
Rear View Item Description

1.   Serial Port

Overview

2.   VGA Port
3.   USB 2.0 Ports
4.   1 GbE LAN ports
5.   10GbE SFP + Port
6.   BMC Management Port
7.   800W PSUs
8.   Removable SFF SSDs

Internal View

1.   (2) Hot Plug PSUs
2.   (2) Processors with Heat Sinks
3.   (4) NHP System Fans
4.   (16) DDR4 DIMMs populated and showing
5.   (1) BMC

QuickSpecs

Standard Features

Processor
One of the following depending on model

NOTE: For more information regarding Intel Xeon processors, please see the following http://www.intel.com/xeon.

Intel® Xeon® processor E5-2600 v3 product family is designed to deliver the best combination of performance, built-in capabilities, and cost-effectiveness. One (or two) of the following Intel® Xeon® E5-2600 v3 processors based on the model.

Model	CPU frequency	Cores	L3 Cache	TDP	QPI	DDR4 Maximum Speed
E5-2670v3	2.3GHz	12	30MB	120W	9.6GT/s	2133 MHz
E5-2660v3	2.6GHz	10	25MB	105W	9.6GT/s	2133 MHz
E5-2650v3	2.3GHz	10	25MB	105W	9.6GT/s	2133 MHz
E5-2640v3	2.6GHz	8	20MB	90W	8.0GT/s	1866 MHz
E5-2630v3	2.4Ghz	8	20MB	85W	8.0GT/s	1866 MHz
E5-2620v3	2.4GHz	6	15MB	85W	8.0GT/s	1866 MHz
E5-2603v3	1.6GHz	6	15MB	85W	6.4GT/s	1600 MHz

Chipset
One of the following depending on model

Intel® C610 Series Chipset
Intel® E5-2600v3 Processor Family
NOTE: For more information regarding Intel chipsets, please see the following URL: http://www.intel.com/products/server/chipsets/.

On System Management Chipset
One of the following depending on model

ASPEED 2400 with KVM Support

Memory
One of the following depending on model

Type:
Industry Standard DDR4
DDR4 Registered (RDIMM)

DIMM Slots Available	16	(16 DIMM slots per processor, 4 channels per processor, 2 DIMMs per channel)
Maximum Capacity (RDIMM)	256GB	(16 x 16GB RDIMM @2133MHz)

Memory Protection
One of the following depending on model

Advanced ECC	Advanced ECC uses single device data correction to detect and correct single and all multibit error that occurs within a single DRAM chip.
Online spare	Memory online spare mode detects a rank that is degrading and switches operation to the spare rank.

Expansion Slots
PCIe riser slots

Expansion Slots #	Technology	Bus Width	Connector Width	Form Factor	Notes
1	PCIe 3.0	X8	X8	Low profile	NA
2	PCIe 3.0	x16	x16	Low profile	NA
3	PCIe 3.0	x16	x16	FH/HL	Internal add-on card CPU 2

NOTE: Bus Width data indicates the number of physical electrical lanes running to the connector.

Power Supply
One of the following depending on model

HP CL 650W HVDC-Fixed PSU

QuickSpecs

Standard Features

System Fans One of the following depending on model	Redundant 4 NHP fans	
Interfaces	Video	1
	LOM Network Ports IPMI management port	2 x 1GbE ports (Model A: none, Model B: 4 ports, Model C: 2 ports, Model D: 2 ports)
	USB	2 USB ports (standard);
		Rear: 2xUSB 2.0

Operating Systems Support for CL Servers

Cent OS
Red Hat Enterprise Linux (RHEL)
NOTE: For more information on Certified and Supported OS versions for Cloudline Servers, please visit our Support Matrix at: http://www.hp.com/go/ossupport

Upgradeability
One of the following
depending on model

Upgradeable to two processors (24 cores)
up to 16 DIMM slots
NOTE: To take advantage of DIMMs 9-16, a second processor must be installed.

Industry Standard Compliance

ACPI 2.0b Compliant
PCIe 3.0 Compliant
PXE Support
WOL Support

Graphics

Integrated PCIe VGA/2D Controller via ASPEED 2400 BMC
1920 x 1200 @ 60Hz (32 bpp)

Form Factor
One of the following
depending on model

2U Rack form factor
All models ship with tool-less friction rail kits
3.43 (8.7cm) Height x 17.58" (44.6 cm) Width x 28" (71.1 cm) Length

Security

Power-on password
Serial interface control
Administrator's password

Standard Features

Warranty

This product is covered by a global limited warranty and supported by HP Services. The Limited Warranty Period for an HP Hardware Product is a specified, fixed period commencing on the date of purchase. Your HP Limited Warranty may include a parts only warranty service. Under the terms of parts only service, HP will provide replacement parts free of charge. If HP carries out the repair, labor and logistics costs are at your expense.

Hardware support and is available for 1 year from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HP Care Pack services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the HP Cloudline Servers and Options Global Limited Warranty and Technical Support for details.

NOTE: Server Warranty includes 1 year five (5) day Parts response time, 0-Years Labor, 0-Years Onsite support. Addition information regarding worldwide limited warranty and technical support is available at http://www.hp.com/support/cloudline_warranty_en

Response time: Response times are based on local standard business days and working hours. Unless otherwise stated, all responses are measured from the time the customer calls until HP has either established a mutually acceptable time for support to be performed, or HP has begun to provide support or remote diagnostics. Response time is based on commercially reasonable effort. In some countries and under certain supplier constraints, response time may vary. If your location is outside the customary service zone, response time may be longer or there may be an additional charge. Contact your local HP service organization for response time availability in your area.

Pre-configured Models

HP Technology Services	HP Technology Services delivers confidence, reduces risk and helps customers realize agility and stability. Connect to HP to help prevent problems and solve issues faster. Our support technology lets you to tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.
Protect your business beyond warranty with HP Care Pack Services	HP Care Pack Services enable you to order the right service level, length of coverage and response time as you purchase your new server, giving you full entitlement for the term you select.
Standard Support recommendation	**HP Cloudline Carepacks Service** Connect to HP for faster problem resolution. Cloudline Carepack Services provides hardware onsite response. Simplify your support experience and make HP your first call for hardware or software questions.
Related Services	**Data Center Platform Consulting Services** These services help modernize key systems and leverage new technology to support a changing business climate and prepare you for the new style of IT. HP understands the needs of the data center of the future and will serve as your guide for the journey. http://www.hp.com/services/consulting **Data Privacy Services** Protect your data through better media management. HP Data privacy services help manage and protect sensitive data. http://www.hp.com/services/dataprivacy Additional HP Care Pack services can be found at: http://www.hp.com/go/cpc
Parts and Materials	HP will provide HP-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements. Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services. The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by HP due to malfunction. For HP Cloudline spare parts replenishment, see the HP website http://www.hp.com/support/cloudline_parts

Configuration Information - Factory Integrated Models

This section lists some of the steps required to configure a Factory Integrated Model. To ensure only valid configurations are ordered, HP recommends the use of an HP approved configurator. Contact your local sales representative for information on configurable product offerings and requirements.

1. Factory Integrated Models must start with a CTO Server.
2. FIO indicates that this option is only available as a factory installable option.
3. All Factory Integrated Models will be populated with sufficient hard drive blanks based on the number of initial hard drives ordered with the server.
4. Some options may not be integrated at the factory. Contact your local sales representative for additional information.

Step 1: Base Configuration (choose one of the following configurable models)

Step 2: Choose Required Options (only one of the following from each list unless otherwise noted)

[Chassis]	HP CL2200 G3 1211R 12 LFF Configure-to-order Server	HP CL2200 G3 1211R 12 LFF+2SFF Configure-to-order Server
SKU Number	807595-B21	807596-B21
Processor	2 (optional)	
DIMMSlots	16 DIMM slots for RDIMM DDR4 Memory	
Storage Controller	HP CL LSI-2308 SAS HBA MEZZ Card (standard) HP CL LSI 9271-8i Card (optional)	
PCIe	2 Low Profile PCIe 3.0 slots, 1 FHHL internal add-on-card 1 HBA mezz slot and 1 OCP Mezz Slot	
Drive Cage	12LFF Hot Plug	12LFF Hot Plug + 2SFF Hot Plug
Network Controller	HP CL 2200 1211RB 4 1GbE ports (no OCP mezzanine slot) HP CL 2200 1211RD 2 1GbE ports + 1 OCP mezzanine slot	
Fans	4 NHP fans redundant	
Management	ASPEED 2400, KVM Support	
Power Supply	2 Redundant hot plug power supplies	
USB	2 rear USB 2.0 ports	

System Board	HP CL 2200 1211RB 4GbE+2x16+2x8 Motherboard	807855-B21
	HP CL 2200 1211RD OCP+2GbE+2x16+1x8 Motherboard	807857-B21

HP Processors

Entry Processors - E5-2600v3 series Processors

HP CL2200 G3 Intel® Xeon® E5-2603v3 (1.6GHz/6-core/15MB/85W) FIO Processor Kit	807811-L21

Base Processors - E5-2600v3 series Processors

HP CL2200 G3 Intel® Xeon® E5-2620v3 (2.4GHz/6-core/15MB/85W) FIO Processor Kit	807807-L21
HP CL2200 G3 Intel® Xeon® E5-2630v3 (2.4GHz/8-core/20MB/85W) FIO Processor Kit	807799-L21
HP CL2200 G3 Intel® Xeon® E5-2640v3 (2.6GHz/8-core/20MB/90W) FIO Processor Kit	807791-L21

Performance Processors - E5-2600v3 series Processors

HP CL2200 G3 Intel® Xeon® E5-2650v3 (2.3GHz/10-core/25MB/105W) FIO Processor Kit	807787-L21
HP CL2200 G3 Intel® Xeon® E5-2660v3 (2.6GHz/10-core/25MB/105W) FIO Processor Kit	807783-L21
HP CL2200 G3 Intel® Xeon® E5-2670v3 (2.3GHz/12-core/30MB/120W) FIO Processor Kit	807779-L21

NOTE: If two processors are desired, select one xxxxxx-L21 and one xxxxxx-B21.

NOTE: Up to 2 processors supported. Mixing different processor models is not supported

NOTE: DDR4 speed is the maximum memory speed of the processor. Actual memory speed may depend on the quantity and type of DIMMs installed

Configuration Information - Factory Integrated Models

NOTE: For the Intel® C600 Chipset E5-2600 Series, the letter preceding the model number indicates the Product Line (E3, E5, E7); 2600x v#, 2 = number of CPUs in a Node, 6 is socket/segment designation, 00 = Processor SKU, x = L for low power SKUs and v# (not yet designated) = version number.

HP Memory

NOTE: Select one or more memory from section below. A minimum of two memory kits are required if server is configured with two processors.

NOTE: If only one processor is installed, only half of the total DIMM slots are available. When populating with two processors, all DIMM slots are available.

NOTE: Depending on the memory configuration and processor model, the memory speed may run at 2133MHz, 1866MHz, or 1600MHz.

Registered DIMMs (RDIMMs) for E5-2600v3 Series

HP CL 4GB (1x4GB) Single Rank x8 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807815-B21
HP CL 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807816-B21
HP CL 8GB (1x8GB) Dual Rank x8 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807817-B21
HP CL 16GB (1x16GB) Dual Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807818-B21

HP Power Supplies

NOTE: Mixing of power supplies in the same server is not supported. All power supplies must be of the same input voltage, output rating, and efficiency rating. If non-matching power supplies are installed, you may receive an error message and/or experience operational issues with your server.

HP CL Power Supply

HP CL 500W Power Supply Unit	811405-B21
HP CL 800W Power Supply Unit	811406-B21

HP Storage Controllers

HP CL LSI-2308 SAS Host Bus Adaptor Mezzanine Card	807844-B21
LSI 9271-8i RAID PCIe Card	807845-B21
HP CL LSI 9271-8i with Cache Vault LSICVM01 Card	807846-B21
HP CL LSI 9271-8i with BBU09 Card	807847-B21

HP Riser Cards

HP CL PCIe Riser	807851-B21

Step 3: Choose Additional Options

HP Storage Controllers

NOTE: Some options may not be integrated at the factory. To ensure only valid configurations are ordered, HP recommends the use of an HP approved configurator. Contact your local sales representative for additional information.

HP CL LSI-2308 SAS Host Bus Adaptor Mezzanine Card	807844-B21
HP CL LSI 9271-8i RAID PCIe Card	807845-B21
HP CL LSI 9271-8i RAID PCIe Card with Cache Vault LSICVM01	807846-B21
HP CL LSI 9271-8i RAID PCIe Card with BBU09 Battery Backup Module	807847-B21

HP Networking

HP CL Ethernet 10Gb 2 Port SFP+OCP Mezz	807842-B21

Memory

Step 4: Choose Additional for Factory Integration from Core and Additional Options sections below.

NOTE: Some options may not be integrated at the factory. To ensure only valid configurations are ordered, HP recommends the use of an HP approved configurator. Contact your local sales representative for additional information.

> **NOTE:** Select one or more memory from section below. A minimum of two memory kits are required if server is configured with two processors.
> **NOTE:** If only one processor is installed, only half of the total DIMM slots are available. When populating with two processors, all DIMM slots are available.
> **NOTE:** Depending on the memory configuration and processor model, the memory speed may run at 2133MHz, 1866MHz, or 1600MHz.

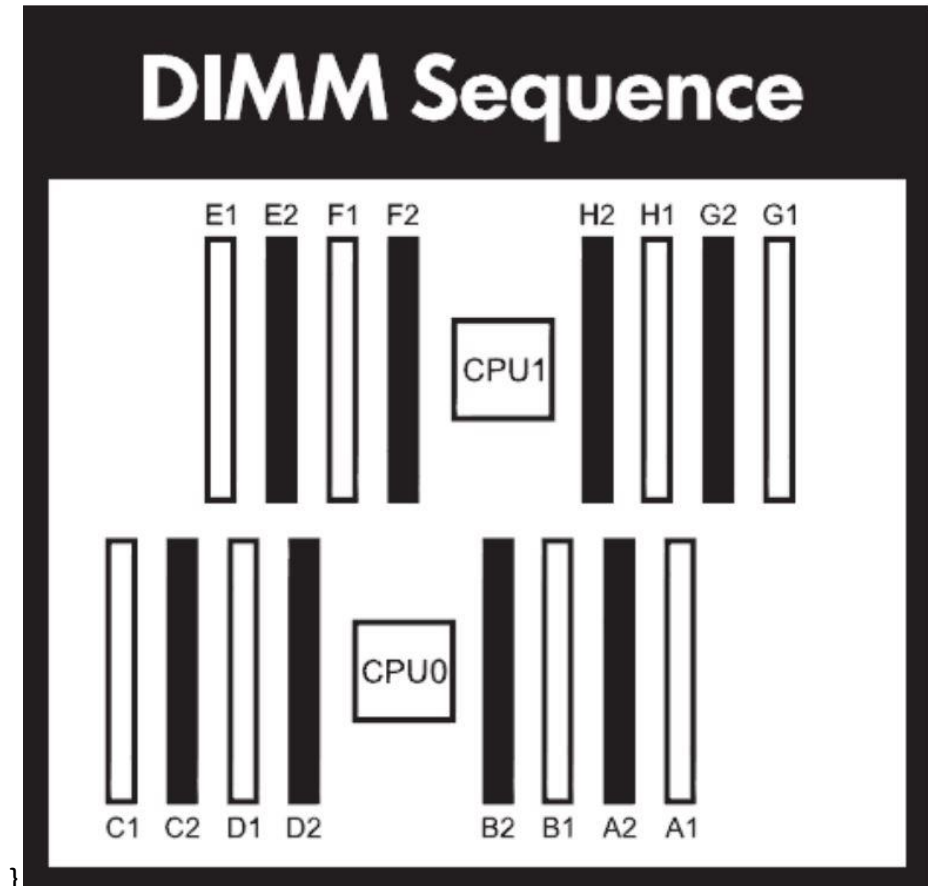|		
HP Processors	**Entry Processors - E5-2600v3 series Processors**	
	HP CL2200 G3 Intel® Xeon® E5-2603v3 (1.6GHz/6-core/15MB/85W) FIO Processor Kit	807811-B21
	Base Processors - E5-2600v3 series Processors	
	HP CL2200 G3 Intel® Xeon® E5-2620v3 (2.4GHz/6-core/15MB/85W) FIO Processor Kit	807807-B21
	HP CL2200 G3 Intel® Xeon® E5-2630v3 (2.4GHz/8-core/20MB/85W) FIO Processor Kit	807799-B21
	HP CL2200 G3 Intel® Xeon® E5-2640v3 (2.6GHz/8-core/20MB/90W) FIO Processor Kit	807791-B21
	Performance Processors - E5-2600v3 series Processors	
	HP CL2200 G3 Intel® Xeon® E5-2650v3 (2.3GHz/10-core/25MB/105W) FIO Processor Kit	807787-B21
	HP CL2200 G3 Intel® Xeon® E5-2660v3 (2.6GHz/10-core/25MB/105W) FIO Processor Kit	807783-B21
	HP CL2200 G3 Intel® Xeon® E5-2670v3 (2.3GHz/12-core/30MB/120W) FIO Processor Kit	807779-B21
HP Memory	**Registered DIMMs (RDIMMs) for E5-2600v3 Series**	
	HP 4GB (1x4GB) Single Rank x8 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807815-B21
	HP 8GB (1x8GB) Single Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807816-B21
	HP 8GB (1x8GB) Dual Rank x8 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807817-B21
	HP 16GB (1x16GB) Dual Rank x4 DDR4-2133 CAS-15-15-15 Registered Memory Kit	807818-B21
HP Drives	**Hot Plug LFF (3.5-inch) Drives**	
	HP CL 500GB 6G SATA 7.2K rpm LFF (3.5-inch) Midline Hard Drive	807826-B21
	HP CL 1TB 6G SATA 7.2K rpm LFF (3.5-inch) Midline Hard Drive	807827-B21
	HP CL 2TB 6G SATA 7.2K rpm LFF (3.5-inch) Midline Hard Drive	807828-B21
	HP CL 4TB 6G SATA 7.2K rpm LFF (3.5-inch) Midline Hard Drive	807830-B21
	HP CL 6TB 6G SATA 7.2K rpm LFF (3.5-inch) Midline Hard Drive	807831-B21
	Hot Plug LFF (3.5-inch) Drives	
	HP CL 500GB 6G SATA 7.2K rpm SFF (2.5-inch) Midline Hard Drive	807832-B21
	HP CL 1TB 6G SATA 7.2K rpm SFF (2.5-inch) Midline Hard Drive	807833-B21
	HP CL 300GB 6G SAS 15K rpm SFF (2.5-inch) Enterprise Hard Drive	807837-B21
	HP CL 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value SSD	807821-B21
	HP CL 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value SSD	807822-B21
	HP CL 480GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value SSD	807823-B21
	HP CL 800GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value SSD	807824-B21
	HP CL 960GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value SSD	807825-B21
HP Networking	**10 Gigabit Ethernet adapters**	
	HP CL Ethernet 10Gb 2-Port SFP+ OCP Mezzanine Card	807842-B21
	HP CL Ethernet Intel X540-T2 10Gb-T PCIe Card	824522-B21
HP I/O Expansion Options	HP CL PCIe Riser	807851-B21

Memory

HP Power Supplies	**HP CL Power Supply**
	HP CL 500W HVDC Power Supply Unit 811405-B21
	HP CL 800W HVDC Power Supply Unit 811406-B21

Memory Subsystem Architecture

Each Intel® Xeon® E5-2600v3 family processor socket contains four memory channels per installed processor with two DIMM per channel for a total of eight (8) DIMMs or a grand total of sixteen (16) DIMMs for the server.

Memory Population guidelines

General Memory Population Rules and Guidelines:

. Install DIMMs only if the corresponding processor is installed.
. If only one processor is installed in a two processor system, only half of the DIMM slots are available.
. To maximize performance, it is recommended to balance the total memory capacity between all installed processors and load the channels similarly whenever possible.
. When two processors are installed, balance the DIMMs across the two processors.
. Quad rank RDIMMs are not supported in CL 1100 G3 Servers
. DIMMs of different speeds may be mixed in any order; the server will select a common optimal speed.
. The maximum memory speed is a function of the memory type, memory configuration, and processor model.
. The maximum memory capacity is a function of the memory type and number of installed processors.

QuickSpecs

Memory

[DIMM Type]	Registered Dimms (RDIMMs)			
DIMM Rank	Single Rank		Dual Rank	
DIMM Capacity	4GB	8GB	16GB	
Voltage	Std Voltage 1.2V			
16 slot servers	16			
MAXIMUM CAPACITY (GB)	64	128	256	
1 DIMM Per Channel	2133 MHz			
2 DIMM Per Channel	1866 MHz			

DIMM slot and configuration diagram

Each Intel® Xeon® E5-2600v3 family processor socket contains four memory channels per installed processor with two DIMM per channel for a total of eight (8) DIMMs or a grand total of sixteen (16) DIMMs for the server.

DIMM slot and configuration diagrams

Basic memory slot & population diagram

• Population order; start with "A1" first, "B1" second, "C1" third, etc.

• When one processor is installed, install DIMMs in sequential alphabetic order: A1, B1, C1, D1, A2, B2 ...

• When two processors are installed, install DIMMs in sequential

alphabetic order: CPU0-A, CPU1-E,CPU0-B,CPU1-F,CPU0-C, CPU1-G,CPU0-D,CPU1-H

CPU #0 IS PROCESSOR IN FRONT WHEN LOOKING FROM FRONT OF SERVER

Channel #	CPU 0			CPU 1	
	Slot #	Population Order	Slot #	Population Order	
Channel 3	C1	5	G1	6	
	C2	13	G2	14	
Channel 4	D1	7	H1	8	
	D2	15	H2	16	
Channel 2	B1	3	F1	4	
	B2	11	F2	12	
Channel 1	A1	1	E1	2	
	A2	9	E2	10	

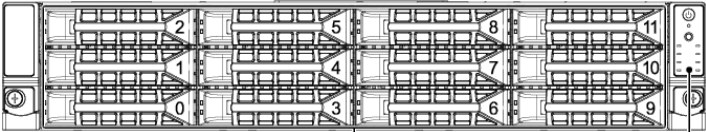| Processor Models	Supported Memory Speeds
E5-2603v3	1600MHz
E5-2630v3, E5-2620v3, E5-2640v3	1866MHz
E5-2650v3, E5-660v3, E5-2670v3	2133MHz

Memory

NOTE: Capacity references are rounded to the common gigabyte (GB) values.
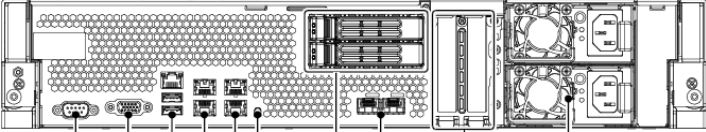
- 2GB = 2,048MB
- 4GB = 4,096MB
- 8GB = 8,192MB

16GB = 16,384MB

Storage

Front View

Rear View

1-12   12x LFF/SFF SAS Hot Pluggable Hard Drive Bays + 2 SFF SAS Hot Pluggable Hard drive Bays

QuickSpecs

Technical Specifications

System Unit	Dimensions (H x W x D) (with bezel)		17.58" x 28" x 3.43" (44.6cm x 71.1cm x 8.7 cm)
	Weight (approximate)	Maximum: (all hard drives, power supplies, and processors installed	66.06 lbs. (29.96 kg)
		Minimum: (one hard drive, power supply, and processor installed)	21.6 lbs. (21.6 kg)
	Input Requirements	Rated Line Voltage	AC input: 100-127V 200-240V DC input: 240V
		Rated Input Current	For 500W Power Supply: 100-127V~6.5A 200-240V~3.3A or 240V—3.7A For 800W Power Supply: 100-127V~11A 200-240V~5.5A or 240V—6.3A
		Rated Input Frequency	50/60Hz
		Rated Input Power	For 500W Power Supply: AC input: 645W DC input: 628W For 800W Power Supply: AC input:1080W DC input:1210W
	BTU Rating	Maximum	For 500W Power Supply: 1895.64 BTU/hour at 110Vac 1854.43 BTU/hour at 220Vac For 800W Power Supply: 3033.03 BTU/hour at 110Vac 2967.09 BTU/hour at 220Vac
	Power Supply Output	Rated Steady-State Power	For 500 W Power Supply:
		Maximum Peak Power	For 650 WPower Supply: <700 W 750 W For 800 W Power Supply: 1120 W
System Unit	**System Inlet Temperature**	Standard Operating Support	0° to 35°C (50° to 95°F)
		Non-operating	-40° to 70°C.
	Relative Humidity	Operating	50% to 80% relative humidity (Rh)
		Non-operating (non-condensing)	50% to 90% relative humidity (Rh))
	Altitude	Non-operating	9144 m (30,000 ft). Maximum allowable altitude change rate is 457 m/min (1500 ft/min).
	Acoustic Noise	Levels	Listed are the declared A-Weighted sound power levels (LWAd) and declared average bystander position A-Weighted sound pressure levels (LpAm) when the product is operating in a 23°C ambient environment. Noise

Technical Specifications

emissions were measured in accordance with ISO 7779 (ECMA 74) and declared in accordance with ISO 9296 (ECMA 109).

NOTE: Product conformance to cited product specifications is based on sample (type) testing, evaluation, or assessment. This product or family of products is eligible to bear the appropriate compliance logos and statements.

HP Embedded Dual Port 361i Adapter	**Network Interface Compatibility**	10Base-T/100Base-TX/1000Base-TX	
		IEEE 802.3 10Base-T	
		IEEE 802.3ab 1000Base-T	
		IEEE 802.3u 100Base-TX	
		IEEE 1588, IEEE 802.1AS	
		IEEE 802.3az - Energy Efficient Ethernet (EEE)	
	Data Transfer Method	PCI Express v 2.0, 5.0 GT/s, two lanes (x2)	
	Controller	Intel I350 Powerville	
	Network Transfer Rate	10Base-T (Half-Duplex)	10 Mb/s per port, 40 Mb/s combined
		10Base-T (Full-Duplex)	20 Mb/s per port, 80 Mb/s combined
		100Base-TX (Half-Duplex)	100 Mb/s per port, 400 Mb/s combined
		100Base-TX (Full-Duplex)	200 Mb/s per port, 800 Mb/s combined
		1000Base-TX (Half and Full-Duplex)	1000Mb/s per port, 4000 Mb/s combined
	Cable Support	10 Base-T	Categories 3, 4 or 5 UTP; up to 328 ft (100 m)
		10/100/1000 Base-TX	Category 5 or higher UTP; up to 328 ft (100 m)

Summary of Changes

Date	Version History	Action	Description of Change:
16-Oct-2015	From version 3 to 4	Update	Update the Configuration Information Section
17-Aug-2015	From version 2 to 3	Update	Updates throughout the QuickSpecs
29-May-2015	From version 1 to version 2	Changed	Updates throughout the QuickSpecs
30-Mar-2015	Version 1	Created	Create HP Cloudline G3 2200 Server