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Data Sheet PRIMERGY RX2450 M2 Rack Server

Powerful server that serves your performance and security requirements

Fujitsu offers a fantastic blend of systems, solutions and expertise to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability. PRIMERGY servers deliver workload-optimized x86 industry standard systems for any workload and business demand. Since there is no single server solution to meet all these needs, Fujitsu offers a broad server portfolio consisting of expandable tower servers, versatile rack-mount servers, density-optimized multi-node servers as well as GPU servers purpose-built for the demands of AI and VDI. While all these systems are designed to handle multiple workloads, each server is optimized for specific use cases. Whatever the size of your business - large enterprise with multiple sites, or a small or medium-sized company with limited space and budget – with the right choice of server, your IT can become the business enabler you have always wanted it to be.

PRIMERGY RX2450 M2

The PRIMERGY RX2450 M2 is a dual-socket 2U rack server that delivers high core count performance combined with flexible configuration options. Powered by the 4th Gen AMD EPYC[™] processors, the server system is ideal for traditional and emerging workloads such as generative AI, LLM deep learning, virtualized and cloud computing environments, HPC and other data-intensive workloads. The PRIMERGY RX2450 M2 can be equipped with two AMD EPYC[™] CPU's featuring up to 128 cores each. PRIMERGY RX2450 M2 provides a silicon root of trust feature to help protect against platform firmware attacks and is designed to detect and correct them before they can compromise or disable the machine. Along with enhanced DDR5 memory technology supporting 4,800 MT/s, the server features maximum memory capacity provided by 24 DIMM slots in total supporting 6TB of memory. The instructions per clock increase of the latest AMD EPYC[™] processors compared to the previous generation as well as

the capacity of DIMM modules provide great Gen AI, VM, container and application density. The design of the server offers balanced expandability with up to 24 (plus 6 at rear) hot-swap 2.5" storage devices as well as up to eight PCIe 5.0 expansion slots. In order not to waste the disk capacity in the front of the chassis, the system also offers other advanced features such as SSD SATA M.2 devices for efficient boot requirements. PCIe 5.0 delivers double the I/O performance over PCIe 4.0, provides 128 PCIe lanes and satisfies voracious needs for east-west bandwidth. Moreover, the server can be equipped with different kinds of NVIDIA GPU cards like H100. The PRIMERGY RX2450 M2 comes with two redundant 900 -2400W high-efficiency (Titanium Level) power supply units and in total six fan modules with speed control providing efficient system cooling.





Features & Benefits

Main Features

Benefits

SECURE, HIGH PERFORMANCE COMPUTING

- With up to 256 cores (per 2-socket configuration), 24 DIMMs DDR5, 6 TB memory capacity, CXL support as well as up to 24 storage devices plus 6 optional on the rear side, the PRIMERGY RX2450 M2 server delivers top performance for demanding AI apps and virtual machines (VMs) with unprecedented security.
- EXPANDABILITY AND DENSITY
- The server system offers the possibility of using up to 30x 2.5inch storage devices (Front and rear). There is also the option of expanding the server using a total of 6x LP or up to 8 with raiser cards PCIe 5.0 slots. The server can be equipped with different kinds of NVIDIA GPU cards to support genrative AI, LLM macine learning and other performance apps
- AGILE INFRASTRUCTURE MANAGEMENT
- Infrastructure Manager (ISM) provides seamless, holistic management ensuring that IT infrastructures retain the dynamic flexibility required to support ever-changing business demands. Two versions of ISM are available. ISM Advanced is a powerful, fully featured version offering comprehensive infrastructure management capabilities such as support for multiple hardware configurations, physical and virtual network connection indicators and firmware baseline updates. A free entry-level version, ISM Essential, provides essential monitoring and firmware update of all supported devices, including servers, storage and network switches.
- SECURITY
- PRIMERGY RX2450 M2 equipped with AMD EPYC[™] processors boast a set of advanced security features, 256-bit AES-XTS encryption, and Secure Encrypted Virtualization (SEV). All of these features help minimize potential attack surfaces as software is booted and executed and processes your critical data.

- The versatile PRIMERGY RX2450 M2 server with AMD EPYC[™] 9004 processors fastens time to value for IT organizations running demanding workloads.
- Agile and data-driven companies modern platforms that scale easily and are optimized for application performance. The PRIMERGY RX2450 M2 is built on the well known scalable system architecture and provides choice and flexibility to meet performance demands.
- As you scale your infrastructure, scale your profitability with Fujitsu Software Infrastructure Manager (ISM). ISM enables organizations to have centralized control over the infrastructure, which includes servers, storage, networking, cloud management software as well as power and cooling using a single user interface.
- Designed with security in mind, AMD EPYC[™] 9004 series processors help protect your CPU, applications, and data. With features such as AMD Secure Boot, there is an improved layer of security and firmware advanced persistent threats are mitigated. Platform Firmware Resilience is provided by the PRIMERGY RX2450 M2.

Technical details

PRIMERGY RX2450 M2										
Base unit	PRIMERGY RX2450 M2 SFF	PRIMERGY RX2450 M2 LFF	PRIMERGY RX2450 M2 LFF	PRIMERGY RX2450 M2 SFF	PRIMERGY RX2450 M2 SFF	PRIMERGY RX2450 M2 SFF	PRIMERGY RX2450 M2 SFF	PRIMERGY RX2450 M2 SFF	PRIMERGY RX2450 M2 SFF	
Housing types	Rack	Rack	Rack	Rack	Rack	Rack	Rack	Rack	Rack	
Storage drive architecture	16x 2.5-inch SAS/SATA	8x 3.5-inch SAS/SATA	12x 3.5-inch SAS/SATA	24x 2.5-inch SAS/SATA/ PCIe	24x 2.5- inch SAS/ SATA/PCle expandable	8x 2.5-inch SAS/SATA	2.5-inch NVMe	16x 2.5-inch SAS/SATA	8x 2.5-inch SAS/SATA	
Power supply	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	
Product Type							Dual Socket Rack Server			
Mainboard										
Mainboard type	D4129									
Chipset	System on C	hip (SoC)								
Processor quantity and type	1 - 2 x AMD I	EPYC™ 9004 s	series process	sor						
Mainboard type	D4129	D4129	D4129	D4129	D4129	D4129	D4129	D4129	D4129	
Processor quantity and type	EPYC™	EPYC™	EPYC™	EPYC™	EPYC™	EPYC™	1 - 2 x AMD EPYC [™] 9004 series processor	EPYC™	EPYC™	
Intel [®] Xeon [®] Max Processor	AMD EPYC™	AMD EPYC [™] 9124 (16C, 3.0 GHz, TLC: 64 MB, 200 W)								
	AMD EPYC [™] 9174F (16C, 4.1 GHz, TLC: 256 MB, 320 W)									
	AMD EPYC [™] 9184X (16C, 3.55 GHz, TLC: 768 MB, Turbo: 3.80 GHz, 320 W)									
	AMD EPYC [™] 9224 (24C, 2.5 GHz, TLC: 64 MB, 200 W)									
	AMD EPYC [™] 9274F (24C, 4.05 GHz, TLC: 256 MB, 320 W)									
	AMD EPYC™	AMD EPYC [™] 9334 (32 C, 2.7 GHz, TLC: 128 MB, 210 W)								
	AMD EPYC [™]	AMD EPYC™ 9354 (32 C, 3.25 GHz, TLC: 256 MB, 280 W)								
	AMD EPYC™ 9354P (32 C, 3.25 GHz, TLC: 256 MB, 280 W)									
	AMD EPYC™ 9384X (32 C, 3.1 GHz, TLC: 768 MB, 320 W)									
	AMD EPYC™ 9454 (48C, 2.75 GHz, TLC: 256 MB, 290 W)									
	AMD EPYC [™] 9454P (48C, 2.75 GHz, TLC: 256 MB, 290 W)									
	AMD EPYC [™] 9534 (64 cores, 2.45 GHz, TLC: 256 MB, 280 W)									
	AMD EPYC [™] 9554 (64 cores, 3.1 GHz, TLC: 256 MB, 360 W)									
	AMD EPYC™ 9554P (64 cores, 3.1 GHz, TLC: 256 MB, 360 W)									
	AMD EPYC [™] 9634 (84C, 2.25 GHz, TLC: 384 MB, 290 W) AMD EPYC [™] 9654 (96 cores, 2.4 GHz, TLC: 384 MB, 360 W)									
	AMD EPYC [™] 9654P (96 cores, 2.4 GHz, TLC: 384 MB, 360 W)									
		AMD EPYC [™] 9754 (128C, 2.25 GHz, TLC: 256 MB, Turbo: 3.10 GHz, 360 W)								
	AIMUD EFTC 9734 (120C, 2.23 GFZ, 11C, 230 MID, 101D0; 3.10 GFZ, 300 W)									

Processor	AMD EPYC [™] 9754 (128C, 2.25 GHz, up to 3.1 GHz, 4800 MT/s)
	AMD EPYC [™] 9654P (96C, 2.4 GHz, up to 3.7 GHz, 4800 MT/s)
	AMD EPYC [™] 9654 (96C, 2.4 GHz, up to 3.7 GHz, 4800 MT/s)
	AMD EPYC [™] 9634 (84C, 2.25 GHz, up to 3.7 GHz, 4800 MT/s)
	AMD EPYC [™] 9554P (64C, 3.1 GHz, up to 3.75 GHz, 4800 MT/s)
	AMD EPYC [™] 9554 (64C, 3.1 GHz, up to 3.75 GHz, 4800 MT/s)
	AMD EPYC [™] 9534 (64C, 2.45 GHz, up to 3.7 GHz, 4800 MT/s)
	AMD EPYC [™] 9454P (48C, 2.75 GHz, up to 3.8 GHz, 4800 MT/s)
	AMD EPYC [™] 9454 (48C, 2.75 GHz, up to 3.8 GHz, 4800 MT/s)
	AMD EPYC [™] 9384X (32C, 3.1 GHz, up to 3.9 GHz, 4800 MT/s)
	AMD EPYC™ 9354P (32C, 3.25 GHz, up to 3.8 GHz, 4800 MT/s)
	AMD EPYC [™] 9354 (32C, 3.25 GHz, up to 3.8 GHz, 4800 MT/s)
	AMD EPYC™ 9334 (32C, 2.7 GHz, up to 3.9 GHz, 4800 MT/s)
	AMD EPYC [™] 9274F (24C, 4.05 GHz, up to 4.3 GHz, 4800 MT/s)
	AMD EPYC [™] 9224 (24C, 2.5 GHz, up to 3.7 GHz, 4800 MT/s)
	AMD EPYC [™] 9184X (16C, 3.55 GHz, up to 4.2 GHz, 4800 MT/s)
	AMD EPYC [™] 9174F (16C, 4.1 GHz, up to 4.4 GHz, 4800 MT/s)
	AMD EPYC [™] 9124 (16C, 3.0 GHz, up to 3.7 GHz, 4800 MT/s)
Processor notes	no mix of different processor types
Memory slots	24 (12 DIMMs per CPU)
Memory slot type	DIMM (DDR5)
Memory capacity (min max.)	16 GB - 6 TB
Memory protection	Advanced ECC
Standard memory modules	16 GB (1 module(s) 16 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 1Rx8
	32 GB (1 module(s) 32 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 1Rx4
	32 GB (1 module(s) 32 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 2Rx8
	64 GB (1 module(s) 64 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 2Rx4
	128 GB (1 module(s) 128 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 4Rx4
	256 GB (1 module(s) 256 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 8Rx4
Interfaces	
USB 3.x ports	2 x USB 3.0 (2x rear, 1x internal)
Graphics (15-pin)	1 x VGA (1x rear)
Serial 1 (9-pin)	1 x Serial (1x rear)
Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S6 (10/100/1000 Mbit/s)
Interface notes	Management LAN traffic can be switched to shared onboard Gbit LAN port, speed and connector is related to
	installed interface card.
Onboard or integrated Controller	
RAID controller	All hardware storage controller options are described under Components
	For dedicated base units front AND rear storage drives may be connected to a single controller. Please see relevant
	system configurator for configuration options and restrictions.
LAN Controller	Dynamic LoM via OCP slot; OCPv3 compliant
	Optional OCP adaptors:
	4 x 1 Gbit/s Ethernet (RJ45)
	2 x 10 Gbit/s Ethernet (RJ45) 4 x 10 Gbit/s Ethernet (RJ45)
	2 x 10 Gbit/s EFP+
	4 x 10 Gbit/s SFP+
	2 x 25 Gbit/s SFP28
	4 x 25 Gbit/s SFP28
	2x 100 Gbit/s QSFP28
	All supported features are described in relevant system configurator.
	Integrated Remote Management Controller (iRMC S6, 1024 MB attached memory incl. graphics controller)
Remote management controller GPU / coprocessor Trusted Platform Module (TPM)	

Slots							
Slot Notes	Standard Rear Type : 6x PCIe slot + 1x OCPv3 slot Optional Rear Type 1: 4x PCIe slot(LP) + 4x PCIe slot(FH) + 1x OCPv3 slot Optional Rear Type 2: 4x PCIe slot + 2x double width GPGPU slot + 1x OCPv3 slot * "2x double width GPGPU slot" is supported with only Standard Front Type 3/4/5. (Front Type 3.5" model doesn't support "double width GPGPU". Optional Rear Type 3: 6x PCIe slot + 6x 2.5" disk drive + 1x OCPv3 slot						
Drive bays (Base unit specific)							
Storage drive bays	up to 16x 2.5-inc	h, 24x 2.5-inch,	10x 3.5-inch or 1	2x 3.5-inch base	units		
Accessible drive bays	1 x 5.25/9.5mm f	for DVD-RW/Blu	-ray				
Notes accessible drives	All possible option	ons described ir	relevant system	configurator.			
Optional hard disk bays	6x 2.5-inch hot-p plug PCIe SSD vi			tion or 4x 2.5-inch	n hot-plug PCle S	SD via retimer o	r 4x 2.5-inch hot
Drive bays (Base unit specific)							
Storage drive bays	hot-plug PCle/	8 x 3.5-inch hot-plug SAS/ SATA	12 x 3.5-inch hot-plug SAS/ SATA	24 x 2.5-inch hot-plug SAS/ SATA/PCle	8 x 2.5-inch hot-plug SAS/ SATA	24 x 2.5-inch	16 x 2.5-inch hot-plug SAS/ SATA
Accessible drive bays	inch for CD-	1 x 5.25/0.4- inch for CD- RW/DVD					1 x 5.25/0.4- inch for CD- RW/DVD
Optional accessible drives		ODD 5.25" possible					ODD 5.25″ possible
General system information							
Number of fans	6						
an configuration	redundant / hot-	plug					
Fan notes	FOXCONN/ PIA0	60M12H-P23-AE	3				
Operating panel							
Operating buttons	On/off switch ID button Reset button NMI button						
Status LEDs	At system front side: Power (DC-On: green / AC-On: white) Identification(Blue-on: Activated by ID switch / Blue-flashing: Activated by IRMC) CSS (orange) Customer self service(Orange-on: Pre-failure detected /Orange-flashing: Error) Global error LED(Orange-on: Pre-failure / Orange-flashing: Error) LAN link/transfer(Green-on: LAN link / Green-Flashing: LAN transfer) LAN speed(Off: 10 Mbit/s / Green: 100 Mbit/s / Yellow: 1000 Mbit/s) Hard disks access (green)						
BIOS							
BIOS features	UEFI compliant BIOS Flash EPRO BIOS settings sav IPv4/IPv6 remote IPv4/IPv6 remote MCTP support Local BIOS updat Secure boot sup	ve and restore e PXE support e PXE & iSCSI bo te from USB dev	ot support				

Operating Systems and Virtualization Soft	tware				
Certified or supported operating systems	Windows Server 2022 Datacenter				
and virtualization software	Windows Server 2022 Standard				
	VMware vSphere™ 8.0 VMware vSphere™ 7.0				
	SUSE® Linux Enterprise Server 15				
	Red Hat® Enterprise Linux 8				
Operating system release link	http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473				
Operating system notes	Support of other Linux derivatives on demand				
	Use of certified or supported operating systems and virtualization software is subject to proactive acceptance of the respective License Agreements/ EULAs/ Subscription and support terms of the Software manufacturer as applicable for the relevant Software whether preinstalled or optional. The software may only be available bundled with a software support subscription which – depending on the Software - may be subject to separate remuneration.				
nfrastructure and Server Management					
DC Infrastructure Management	Infrastructure Manager (ISM) Essential Edition Advanced Edition				
Server Management	ServerView Agentless Service (SVAS) ServerView ESXi CIM Provider				
	ServerView Installation Manager (SVIM) ServerView Update Manager Express (UME)				
Management notes	For further information regarding ISM and ServerView Suite see dedicated data sheets.				
Manageability link	http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6				
Dimensions / Weight					
Rack (W x D x H)	435 x 813 x 87 mm				
Height Unit Rack	2 U				
19" rackmount	Yes				
Weight	up to 34.1 kg				
Weight notes	Actual weight may vary depending on configuration				
Rack integration kit	Rack integration kit				
Environment	-				
Operating ambient temperature	10 - 35 °C				
Operating temperature note	PRIMERGY servers are designed for the usage with operating temperatures of up to 35°C. There could be configurations that are not able to work within this normal operation class. Please use the Fujitsu WebArchitect (www.fujitsu.com/configurator/public) to get detailed information on the corresponding configurations.				
Operating relative humidity	8 - 85% (non condensin), maximum dew point 21°C (non condensing)				
Operating environment	FTS 04230 – Guideline for Data Center (installation specification)				
Operating environment link	http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe				
Noise emission	According to ISO9296				
Sound pressure (LpAm)	37 dB(A) (idle) / 39 dB(A) (operating) typical Values				
Sound power (LWAd; 1B = 10dB)	5.6 B (idle) / 5.8 B (operating) typical Values				
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature.				
Electrical values					
Power supply configuration	1x hot-plug power supply or 2x hot-plug power supply for redundancy				
Hot-plug power supply redundancy	Yes				
Active power (max. configuration)	2,608.6 W				
Apparent power (max. configuration)	2635 VA				
Heat emission (max. configuration)	9391.0 kJ/h (8900.9 BTU/h)				
Rated current max.	12A (100-127 V) / 15A (200-240 V)				

Electrical values		
Power supply Compliance	900W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 900W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 1600W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 1600W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 2200W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 2400W hot-plug, 96% (Titanium efficiency), 100-240V, 50 / 60Hz	
Product	PRIMERGY RX2450 M2	
Model	PR2450A	
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)	
Germany	GS	
Europe	CE	
USA/Canada	NRTLc/us FCC Class A ICES-003 / NMB-003 Class A	
Japan	VCCI Class A + JIS 61000-3-2	
South Korea	КС	
China	200	
Australia/New Zealand	RCM	
Taiwan	BSMI	
Compliance link	https://sp.ts.fujitsu.com/sites/certificates	
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. * Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.	

Components

Backup Drives	LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s			
	LTO7HH Ultrium, 300 MB/s, half height			
	LTO7HH Ultrium, 300 MB/s, half height, SAS 6Gb/s			
	RDX Drive, 320 GB, 500 GB, 1 TB , 25 MB/s, half height, USB 3.0			
Optical drives	Blu-ray Disc™Triple Writer, (6x BD-RW, 8x DVD, 24x CD), ultraslim, SATA I			
	DVD Super Multi ultra slim , (8x DVD; 24x CD), ultraslim, SATA I			

SSD SAS 2.5-inch	SSD SAS, 22.5Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD				
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD				
	SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD				
	SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD				
	SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD				
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD				
	SSD SAS, 12 Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 12 Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD				
	SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 12 Gb/s, 5.84 TB, Nead-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWr D				
	SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD				
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD				
SCD SAS 2 E inch					
SSD SAS 3.5-inch	SSD SAS, 22.5Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 6.4 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD				
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD				
	SCD CAC 22 FCh/a 2 2 TD Mixed use bet alver 2 Final anterprise 2 DWDD				
	SSD SAS, 22.5Gb/s, 3.2 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD				
	SSD SAS, 22.5Gb/s, 3.2 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD 				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD 				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 3 DWPD 				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD 				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD 				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD 				
	 SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD 				

SSD SATA 2.5-inch	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 5.0 DWPD SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED				
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 5.0 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED				
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD				
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD, SED SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.6 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.2 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.5 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED				
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.5 DWPD, SED				
	SSD SATA, 6 Gb/s, 1.92 TB, Nixed-use, hot-plug, 2.5-inch, enterprise, 5.0 DWPD				
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED				
SD SATA 3.5-inch	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 5.0 DWPD				
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED				
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 5.0 DWPD				
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED				
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD				
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.6 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.2 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.5 DWPD				
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED				
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.5 DWPD				
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 5.0 DWPD				
	site start, o do, s, 1.22 ro, mixed dsc, hot-plug, s.s-inter, enterprise, s.o Divro				

HDD 2.5-inch	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise				
IDD 3.5-inch	HDD SATA, 6 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SATA, 6 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SATA, 6 Gb/s, 4 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical				
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 4 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical				
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise				
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise				
Cle SSD & SATA DOM SSD	PCIe-SSD SFF, 800 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD				
	PCIe-SSD SFF, 400 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD				
	PCIe-SSD SFF, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD				
	PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD				
	PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD				
	PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD				
	PCIe-SSD SFF, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD				
	PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD				
	PCIe-SSD SFF, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD				
	PCIe-SSD SFF, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD				

SED	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED				
SEV	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED				
	SSD SAS, 22.5Gb/s, 7.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED				
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED				
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED				
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED				
	HDD SAS, 12 Gb/s, 600 GB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED				
	HDD SAS, 12 Gb/s, 1.2 TB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED				
SCSI / SAS Controller	PSAS CP 2100-8i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCle 3.0 x8				
	Broadcom [®] PSAS CP600i LP SAS Ctrl. 12 Gbit/s PCIe 3.0 x8				
	Broadcom [®] PSAS CP600e LP SAS Ctrl. 12 Gbit/s PCIe 3.0 x8				
	Broadcom [®] PSAS CP600e FH SAS Ctrl. 12 Gbit/s PCIe 3.0 x8				
AID Controller	pre-configured RAID1 Array for M.2 in PDUAL,				
	Fujitsu PRAID EP680i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCle 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50 6, 60, 8 GB, Optional FBU based on LSI SAS3916				
	Fujitsu PRAID EP680e LP, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516				
	Fujitsu PRAID EP680e FH, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516				
	Fujitsu PRAID EP640i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3908				
	Fujitsu PRAID EP 3258-16i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU				
	Fujitsu PRAID EP 3254-8i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU				
	Fujitsu PRAID EP 3252-8i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU				
	Broadcom® PRAID CP600i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, No FBU support				
ibre Channel controller	Fibre Channel Host Bus Adapter 1 x Qlogic QLE2770-FJ-BK LC-style				
	Fibre Channel Host Bus Adapter 2 x Qlogic QLE2772-FJ-BK LC-style				
	Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPE35000-M2-F MMF LC-style				
	Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPE35002-M2-F MMF LC-style				
	Fibre Channel Host Bus Adapter 1 x Qlogic QLE2870-FJ-BK MMF LC-style				
	Fibre Channel Host Bus Adapter 2 x Qlogic QLE2872-FJ-BK MMF LC-style				
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic QLE2690 LC-style				
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2690 LC-style				
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe31000-M6-F MMF LC-style				
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe31000-M6-F MMF LC-style				
	InfiniBand HCA 1 x 200Gb/s PCIe x16 QSFP for the US market max. one IB HCA 200Gb controller can be installed (

Mellanox)

GPU computing card	-, 48 GB, 864 GB/s, 48GB GDDR6, N/A, PCIe 4.0 x16				
	NVIDIA® A16, 64 GB, 800GB/s (4 x200GB/s), 64GB GDDR6 (4 x16GB), N/A, PCIe 4.0 x16				
	NVIDIA® A2, 200GB/s, 16GB GDDR6, N/A, PCIe 4.0 x8				
	-, xxxGB/s, 24GB GDDR6, N/A, PCIe 4.0 x16				
	NVIDIA® RTX™ 6000 Ada, 48 GB, 786 GB/s, 48 GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort				
	NVIDIA® RTX™ 6000 Ada, 48 GB, 786 GB/s, 20 GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort				
	NVIDIA® T400 4GB, 4 GB, 384 cores, 4GB, N/A, PCIe x16, 3 x miniDP				
Rack infrastructure	Cable Arm 2U for PRIMECENTER- and 3rd-party racks				
	Rackmount kit full extraction (870mm). tool less mounting for general use, length variable 559-890mm. If consider to shipment with Rack and earthquake, suggest to fix RMK with security screw.				
	Rackmount kit partial extraction (400mm). tool less mounting for general use, length variable 559-890mm.				
Notes					
Compatibility	If and to the extent a list of components or certain compatibilities are specified in the product data sheet, these component lists and compatibility specifications are exhaustive. Using deviating or other system components and applications together with the product may but does not necessarily have to lead to compatibility problems. A final statement and/or commitment on the compatibility of such deviating or other system components and applications can only be provided after a corresponding verification through a dedicated compatibility testing.				
Continuity management	The product may in connection with and depending on the specific configuration include elements to support time- and performance-critical applications, however high availability (e.g., 99.9999%) and failsafe performance is not a standalone product feature. If and to the extent the product is to be used in such business-critical environments, it is within the sole responsibility of the user to set up the specific additional technical features (e.g., Storage Cluster), redundancies, and operational conditions as required to ensure such high availability or failsafe performance.				
Security	The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.				
Warranty					
Manufacturer warranty period	3 years				
Warranty type	Onsite warranty				
Warranty Terms & Conditions Product Support - the perfect extension	http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM				
Support Pack Options	Globally available in major metropolitan 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 Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.				
Service Lifecycle	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/				
Service Weblink	http://www.fujitsu.com/emeia/products/product-support-services/				

More information

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In addition to PRIMERGY RX2450 M2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

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Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use.

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