Huawei RH2488H V5 VS Servers of HPE, H3C, Lenovo, Dell, Inspur and Sugon

Server Model	Huawei RH2488H V5 Rack Server ---- Two-floor motherboard design	Huawei RH2488 v5 Rack Server（2U）--- Single-floor motherboard design	HPE Proliant DL360 G10 Server ---- Two-floor motherboard design	Lenovo ThinkSystem SR850 Server(2U) --- Two-floor motherboard design	HPE Proliant DL380 G10 Server (2U) --- Single floor motherboard design	Inspur NF8260 M5 Server(2U) --- Two-floor motherboard design
Advantages of Dell Servers	1. Support two dual-width GPU with multiple models; 2. Support two FPGA; 3. Up to support 24 x NVMe; 4. 8GB RAID card cache; 5. Max support 24 x 2.5" + 2 x 2.5"	1. Support two dual-width GPU with multiple models; 2. Support two FPGA; 3. Support front hot-swap NVMe SSD, up to 24 x NVMe; 4. 8GB RAID card cache; 5. Max support 24 x 2.5" + 2 x 2.5"	1. Support two dual-width GPU with multiple models; 2. Support two FPGA; 3. Maximum support 24 x NVMe; 4. 8GB RAID card cache; 5. Max support 24 x 2.5" + 2 x 2.5"	1. Support two dual-width GPU with multiple models; 2. Support two FPGA; 3. Maximum support 24 x NVMe; 4. Support the application of 8180 CPU (205W) in SAP and HAN/A; 5. 8GB RAID card cache;6. Max support 24 x 2.5" + 2 x 2.5"	1. NVDIMM support, low latency, high IO, data protection; 2. Support up to 2 dual-width GPU or FPGA; 3. Supports up to 24 x NVMe SSD 4. Efficient and automated server maN/Agement platform of dell 14 generation server platform with server life cycle maN/Agement; 5. Consistent security features of dell 14-generation servers, Root Trust; 6. 8GB RAID card cache; 7. Max support 24 x 2.5"" + 2 x 2.5"	1. Support two FPGA; 2. Maximum support 24 x NVMe; 3. 8GB RAID card cache; 4. Max support 24 x 2.5" + 2 x 2.5"

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Disadvantages of Dell Servers		PCIe slot extensibility (Dell EMC focuses on performance on 2U, support for new workload)	PCIe slot extensibility (Dell EMC focuses on performance on 2U, support for new workload)	Supports up to 24 x NVDIMM	PCIe slot extensibility		It is claimed to support 4 x GPU, but it is not specified whether it is double width or single width.
CPU	Model	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100
	CPU model	8180 28 Core 2.5GHz	8180 28 Core 2.5GHz	Platinum 8180M	Intel Xeon Platinum 8176 28C 165W 2.1GHz	8180M	8180 28 Core 2.5GHz
Chipset		Intel C622	Intel C622	Intel C621	Intel C624	Intel C621	Intel C620
RAM	Model	48 DIMM 64GB/2666MHz	32 DIMM 64GB/2666MHz	DDR4 RDIMM,LRDIMM, NVDIMM	48 DDR4 DIMM slots, up to 2666MT/s12 DDR4 DIMM slots per CPU	DDR4 2667MHze RDIMM/LRDIMM/NVDIMM	Supports 48 DDR4 2666MHz
	Total Capacity	Up to 48 DDR4 memory slots (12 DDR4 memory slots per processor) with support for RDIMM and LRDIMM. Memory speeds up to 2666MT/s. RDIMM: 48 32 GB	Up to 32 DDR4 memory slots (8 DDR4 memory slots per processor) with support for RDIMM and LRDIMM. Memory speeds up to 2666MT/s. RDIMM: 32 32 GB	6TB	RDIMMs supports up to 1.5TB（4 CPU）. LRDIMMs supports up to 3TB（4 CPU）. 3DS RDIMMs supports up to 6TB（4 CPU）.	6TB	RDIMM/LRDIMM, up to 6TB

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		RDIMM, max memory is 1.5TB. LRDIMM: 48 64 GB LRDIMM with a max memory of 3TB.	RDIMM with a max memory of 1TB. RDIMM: 32 64 GB RDIMM with a max memory of 2TB. LRDIMM: 32 64 GB LRDIMM with a max memory of 2TB. LRDIMM: 32 128gb LRDIMM with a max memory of 4TB.				
Storage controller	Model	Broadcom MegaRAID 9361-8i standard PCIe RAID card, supports RAID0/1/5/6/10/50/60, supports 1GB cache, supports ulc-capacitor protection. Huawei 3508 standard PCIe RAID card, support RAID0/1/5/6/10/50/60, support 2/4GB cache, support ulc	Broadcom MegaRAID 9361-8i standard PCIe RAID card, supports RAID0/1/5/6/10/50/60, supports 1GB cache, supports ulc-capacitor protection. Huawei 3508 standard PCIe RAID card, support RAID0/1/5/6/10/50/60, support 2/4GB cache, support ulc	S100i,E208i/e,P408i/e,P816i	**12Gbps RAID processors:** ThinkSystem RAID 530-8i PCIe 12Gb Adapter ThinkSystem RAID 730-8i 1GB Cache PCIe 12Gb Adapter ThinkSystem RAID 930-8i 2GB Flash PCIe 12Gb Adapter ThinkSystem RAID 930-16i 4GB Flash PCIe 12Gb Adapter **12Gbps non-RAID HBA**	S140/H330/H730P/H740P/H840	Support 6/12G RAID card, support RAID0, 1, 10, 1E, 5, 50, 6, 60, etc.，support Cache super capacitor protection, provide RAID state migration, RAID configuration memory

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		protection.	protection.		card: ThinkSystem 430-8i SAS/SATA 12Gb HBA ThinkSystem 430-16i SAS/SATA 12Gb HBA **NVMe adapter** ThinkSystem 1610-4P NVMe Switch Adapter		
	Cache Size/Maximum	4GB	4GB	0/2GB/4GB	None、1GB、2GB、4GB	8GB	N/A
	Cahce Protection Type	N/A	N/A	flash-backed write cache (FBWC).	None(530-8i、730-8i)、Flash backup（930-8i、930-16i）	non-volatile cache	N/A
	Battery or Capacitance	Battery	Battery	Battery	Capacitance	Battery	Battery or Capacitance
	Main technical characteristics	Broadcom MegaRAID 9361 Huawei 3508 standard PCIe RAID card	Broadcom MegaRAID 9361 Huawei 3508 standard PCIe RAID card	12Gb	**Controller Chips：** SAS3408(530-8i)、 SAS3108(730-8i)、 SAS3508（930-8i）、 SAS3516（930-16i）、 SAS3408（430-8i）、 SAS3416（430-16i） **RAID Support**：530-8i	H840 8GB cache (LSI 3508) exterN/Al H740P 8GB cache (LSI 3508) H730P 2GB cache (LSI 3108) H330 (LSI 3008) HBA (LSI 3008)	

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					（0\1\10\5\50）、730-8i （0\1\10\5\50）、930-8i （0\1\10\5\50\6\60）、930-16i （0\1\10\5\50\6\60）	S140 (software Raid, support NVMe)	
SD Card	Number of SD cards	N/A	N/A	2	N/A	2	N/A
	SD card capacity	N/A	N/A	8GB/32GB	N/A	64GB	N/A
	SD cards can form RAID levels	N/A	N/A	RAID 1	N/A	RAID 1	N/A
M.2	M.2 quantity	N/A	N/A	2	1 or 2	2	2
	M. 2 single chip capacity	N/A	N/A	960GB	ThinkSystem M.2 CV1 32GB ThinkSystem M.2 CV3 128GB	240GB	N/A
	M.2 RAID levels	N/A	N/A	RAID 1	RAID 1	RAID 1	N/A
Network card	Sub-Card (NDC Card Type)	Mainboard provides 2*GE electrical port and 2*10GE fibre optical port, this is the	Mainboard provides 2*GE electrical port and 2*10GE fibre optical port, this is the	4x1Gb/2x10Gb/4x10Gb/2 x25Gb（FlexibleLOM）	LOM cards ThinkSystem 1Gb 2-port RJ45 LOM ThinkSystem 1Gb 4-port	4 1GE interfaces, or 2 10GE interfaces plus 2 1GE interfaces, or 4 10GE interfaces, or two 25GE	Support OCP NIC card or PHY card

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		inherent configuration, can not be optioN/Al	inherent configuration, can not be optioN/Al		RJ45 LOM ThinkSystem 10Gb 2-port Base-T LOM ThinkSystem 10Gb 2-port SFP+ LOM ThinkSystem 10Gb 4-port Base-T LOM ThinkSystem 10Gb 4-port SFP+ LOM **ML2 adapters** Intel I350-T4 ML2 1Gb 4-Port RJ45 Ethernet Adapter Intel X710-DA2 ML2 2x10GbE SFP+ Adapter Broadcom NX-E ML2 10Gb 2-Port Base-T Ethernet Adapter Emulex VFA5.2 ML2 Dual Port 10GbE SFP+ Adapter Emulex VFA5.2 ML2 2x10 GbE SFP+ Adapter and FCoE/iSCSI SW Mellanox ConnectX-4 Lx ML2 1x25GbE SFP28	interfaces	

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					Adapter Mellanox ConnectX-4 Lx ML2 25Gb 2-Port SFP28 Ethernet Adapter Mellanox ConnectX-3 Pro ML2 FDR 2-Port QSFP VPI Adapter		
	PCIe (occupies a standard slot)	A total of 11 PCI-e solts were provided	A total of 9 PCI-e solts were provided	N/A	**Up to 11 PCIE 3.0 slot are supported** Slot 1: PCIe 3.0 x16 (low profile) (CPU 2) Slot 2: PCIe 3.0 x8 (low profile) (CPU 2) Slot 3-5: Riser card slots (see below) (CPU 2) Slot 6: PCIe 2.0 x2 dedicated to M.2 adapter and drives Slot 7: Dedicated to Ethernet LOM phy adapter (CPU 1) Slot 8: PCIe 3.0 x8 (low profile) (CPU 1) Slot 9: PCIe 3.0 x8 (low	N/A	

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					profile) (CPU 1) Slot 10: PCIe 3.0 x8 (low profile) (CPU 1) Slot 11: PCIe 3.0 x16 (low profile) (CPU 1)		
GPU	GPU Max Supported Blocks	3	0	2	The SR850 currently does not support any graphics processing units (GPUs).	2 double widths	4
	GPU model	nVidia Tesla P4 single width	N/A	P2000 single width		P100/V100/P40/M10	N/A
FPGA	FPGA Maximum Supported Blocks	0	0	/	N/A	2	N/A
	FPGA model	N/A	N/A	/	N/A	Intel TBD	N/A
Hard drive backplane	Type (including the maximum number of supported hard disks)	8 SAS/SATA hard disk configuration: Up to 8 front 2.5-inch SAS/SATA hard drives are supported, and 1 PCIe RAID card is required. This configuration can support the front	8 SAS/SATA hard disk configuration: Up to 8 front facing 2.5-inch SAS/SATA drives are supported, with 1 RAID card configured. The front panel DVD drive or LCD module	24 SFF/12 NVMe	Support up to 16 SAS / 2.5 inch SATA hot-swappable hard disk There are 2 kinds of hard disk back to choose from: 8 SAS/SATA hard drive backplane (8 SAS / 2.5 inch SATA hard disk) 8 SAS/SATA + AnyBay	24*2.5''/24 x 2.5" NVMe	The front supports 24 2.5-inch hard drives and up to 6 U.2 NVMe hard drives

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		panel DVD built-in drive, the default support VGA interface and USB 3.0 interface. 24 SAS/SATA hard disk configuration: Up to 24 front-facing 2.5-inch SAS/SATA drives are supported, requiring three PCIe RAID CARDS, each connected directly to eight hard drives. 25 SAS/SATA hard disk configuration: Up to 25 front-facing 2.5-inch SAS/SATA drives are supported, requiring 1 PCIe RAID card.	can be supported under this configuration. 25 SAS/SATA hard disk configuration: Up to 25 front-facing 2.5-inch SAS/SATA drives are supported, with 1 RAID card configured.		hard drive back a. 8 SAS / 2.5 inch SATA hard disk b. 4 2.5 -inch SAS / 2.5 inch SATA hard disk + 4 U. 2 (NVMe) hard drive Note: anybay is inside the hard drive bracket can install SATA, SAS, NVMe hard disk		
	Whether to support hard disk hot swap	Yes	Yes	Yes	Yes	Yes	Yes

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Hard disk configuration	Model and quantity	8　front 2.5 inch SAS/SATA hard disks 24　front 2.5 inch SAS/SATA hard disks 25　front 2.5 inch SAS/SATA hard disks	8　front 2.5 inch SAS/SATA hard disks 25　front 2.5 inch SAS/SATA hard disks	24 SFF/12 NVMe	**2.5 inch 12Gbps SAS hard disk:** 300GB 15K、600GB 15K、900GB 15K 300GB 10K、600GB 10K、900GB 10K、1.2TB 10K、1.8TB 10K **2.5 inch 12Gbps NL-SAS hard disk：** 1TB 7.2K、2TB 7.2K **2.5 inch 6Gbps SATA hard disk：** 1TB 7.2K、2TB 7.2K **2.5 inch SSD hard disk：** SAS interface：HUSMM32 400GB、HUSMM32 800GB、PM1635a 400GB、PM1635a 800GB、PM1633a 3.84TB、PM1633a 7.84TB SATA interface：PM863a 240GB、PM863a 480GB、Intel S3520 240GB、Intel S3520 480GB、 NVMe PCIe interface：U.2	SAS/SATA/NVMe：24*2.5''	24　front 2.5 inch SAS/SATA hard disks，Up to 6 NVMe SSDS can be supported

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					PX04PMB 800GB、U.2 PX04PMB 1.6TB、U.2 PX04PMB 960GB、U.2 PX04PMB 1.92TB、U.2 PM963 1.92TB、U.2 PM963 3.84TB		
Chassis	Dimensions (cm)	2U height; fully equipped with 31Kg	2U height; fully equipped with 31Kg	2U：8.75 x 44.54 x 75.47cm	2U height: 86 mm (3.4 in) width: 445 mm (17.5 in) depth: 776 mm (30.5 in)	2U: 8.68 x 48.2 x 81.2cm	2U height: 448.0mm wide, 87mm high, 780mm deep
	Ventilation method	Air-cooled	Air-cooled	Forward wind	Wind after wind	Wind after wind	Air-cooled
Temperature	Equipment operating temperature range (℃)	Operating temperature: 5℃ ～ 45℃（41℉ ～113℉）	Operating temperature: 5℃ ～ 45℃（41℉ ～113℉）	Max 5°-45°	ASHRAE Class A4: 5 ° C - 45 ° C (41 ° F - 113 ° F); for altitudes above 900 m (2,953 ft), decrease the maximum ambient temperature by 1 ° C for every 125-m (410-ft) increase in altitude ASHRAE Class A3: 5 ° C - 40 ° C (41 ° F - 104 ° F); for altitudes above 900 m (2,953 ft), decrease the	10°C to 35°C	0 - 35°C

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					maximum ambient temperature by 1 °C for every 175-m (574-ft) increase in altitude ASHRAE Class A2: 10 °C - 35 °C (50 °F - 95 °F); for altitudes above 900 m (2,953 ft), decrease the maximum ambient temperature by 1 °C for every 300-m (984-ft) increase in altitude		
	Equipment working humidity range	Working humidity: 8% RH ~ 90% RH (no condensation)	Working humidity: 8% RH ~ 90% RH (no condensation)	8% - 90%	ASHRAE Class A4: 8% - 90% (non-condensing); maximum dew point: 24 °C (75 °F) ASHRAE Class A3: 8% - 85% (non-condensing); maximum dew point: 24 °C (75 °F) ASHRAE Class A2: 8% - 80% (non-condensing); maximum dew point: 21 °C (70 °F)	10% to 80%	5%-85%RH

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Hot-swappable power supplies	Nominal power of single power supply (W)	• 2000W AC power module (Note2) • 1500W AC power module (power supply: 100V AC ~ 127V AC or 200V AC ~ 240V AC or 190V DC ~ 300V DC) • 900W AC power module (power supply: 100V AC ~ 240V AC or 190V DC ~ 290V DC) •1200W power module (power supply: -38.4V DC ~ -72V DC）	• 2000W ac power module (Note2) • 1500W AC power module (power supply: 100V AC ~ 127V AC or 200V AC ~ 240V AC or 190V DC ~ 300V DC) • 900W AC power module (power supply: 100V AC ~ 240V AC or 190V DC ~ 290V DC) •1200W DC power module (power supply: -38.4V DC ~ -72V DC）	800W/1600W	SR850 2S Power Paddle (power interposer) 750W Platinum (230V/115V) Power Supply 1100W Platinum (230V/115V) Power Supply 1600W Platinum (230V) Power Supply	Platinum 1100W、1600W、2000W 、2400W、336-380VDC 1100W Gold class 48VDC 1100W	CRPS power module 550/800/1300/1600 w, support full grid AC, 240/336v high voltage DC and -48v low voltage DC input
	Quantity	2 1+1 redundancy backups	2 1+1 redundancy backups	1-2	2	2	2
	Dual power mode	Redundancy	Redundancy	The main case/LB	1+1 redundancy	Redundancy	1+1 redundancy
	Input method	100V AC ~ 240V AC is compatible with 240V DC	100V AC ~ 240V AC is compatible with 240V DC	100 - 127 VAC, 200 - 240 VAC, 240VDC (800W Platinum PS only)	110V AC（750W、1100W）	AC: 750W/1100W/1600W/2000W/2400W;	AC, 240/336v DC and -48v DC inputs

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				200 - 240 VAC, 240VDC(800W Titanium PS only) 200 V to 277 VAC, 380 VDC (800W Universal PS only) -40 VDC to -72 VDC, -48 VDC nomiN/Al input (800W -48VDC PS only) 200 - 240 VAC, 240 VDC for ChiN/A only (1600W PS Only)	220V AC（750W、1100W、1600W） 240V DC（750W、1100W、1600W）	DC: 1100W; HVDC/AC: 240V 750W, 336V 1100W	
PCI-E（I/O）	Quantity	Up to 11 PCIe 3.0 PCIe expansion slots are supported, where: • 1 x4 interface (using x8 slot) • 7 x8 interfaces • 3 x16 interfaces	Supports up to 9 PCIe 3.0 PCIe expansion slots, where: • 5 x8 interfaces • 4 x16 interfaces	8	**Supports up to 11 PCIE 3.0 slots** Slot 1: PCIe 3.0 x16 (low profile) (CPU 2) Slot 2: PCIe 3.0 x8 (low profile) (CPU 2) Slot 3-5: Riser card slots (see below) (CPU 2) Slot 6: PCIe 2.0 x2 dedicated to M.2 adapter and drives Slot 7: Dedicated to	6 x PCIe Where 4 x PCIex16	Supports up to 8 PCIe 3.0 slots and 1 OCP slot

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					Ethernet LOM phy adapter (CPU 1) Slot 8: PCIe 3.0 x8 (low profile) (CPU 1) Slot 9: PCIe 3.0 x8 (low profile) (CPU 1) Slot 10: PCIe 3.0 x8 (low profile) (CPU 1) Slot 11: PCIe 3.0 x16 (low profile) (CPU 1)		
USB port	Quantity	Front panel provides 2 USB 2.0, 1 USB 3.0 Panel offers 2 USB 3.0	Front panel provides 2 USB 2.0, 1 USB 3.0 Panel offers 2 USB 3.0	3 x USB 3.0 (front); 2 x USB 3.0 (rear);	4：front 2 and rear 2 Front: Two USB 2.0 ports or one USB 2.0 and one USB 3.0 port； Rear: Two USB 3.0 ports；	3 x USB 2.0 (front); 2 x USB 3.0 (rear); 1 x USB 3.0 (middle);	
Out-of-band management	Yes or No	Yes	Yes	Yes	Yes	Yes	Yes
	The main function	UEFI iBMC Adopt independent interface, support SNMP, IPMI, provide GUI, virtual KVM, virtual media, SOL, intelligent power	UEFI iBMC Adopt independent interface, support SNMP, IPMI, provide GUI, virtual KVM, virtual media, SOL, intelligent power	HPE iLO Standard with smart configuration (embedded), HPE OneView Standard (download required) (Standard), HPE iLO Advanced,HPE iLO Advanced Premium	XClarity Controller (XCC) Advanced OptioN/Ally upgrade to Enterprise by Features on Demand (FoD) Support Mobile maN/Agement function (Xclarity Mobile App+ USB	IPMI 2.0 compliant IDRAC9 with life cycle controller (Express edition, Enterprise edition) OptioN/Al Quick Sync 2 wireless module	Support remote maN/Agement control, such as IPMI2.0, KVM over IP, SOL, SNMP, etc., can achieve hardware failure, memory failure, PCIe

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		supply, remote control, hardware monitoring and other features. Support for NCSI for onboard network ports. Support for huawei eSight maN/Agement software, support for VMware vCenter, Microsoft SystemCenter, N/Agios and other third party maN/Agement system integration.	supply, remote control, hardware monitoring and other features. Support for NCSI for onboard network ports. Support for huawei eSight maN/Agement software, support for VMware vCenter, Microsoft SystemCenter, N/Agios and other third party maN/Agement system integration.	Security Edition and HPE OneView Advanced (optioN/AI)	interface connection), Mobile App supports Android or iOS		device failure, hard disk failure detection and warning
Energy management	Yes or No	N/A	N/A	Yes	Yes：Xclarity Energy MaN/Ager	Yes	N/A
System cooling fan		N/A	N/A	6 hot plug fans, support N+1 redundancy	6 hot plug fans, support N+1 redundancy	6 hot plug fans, support N+1 redundancyWind guide baffle, vector heat dissipation	N/A

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LCD display	Only fault diagnosis digital tube	LCD LCD panel (touchable) Fault diagnosis digital tube	Systems Insight Display	Yes	OptioN/Al	N/A
Host front panel with keyhole and key			Yes	Support, optioN/Al Lockable front security bezel	Yes	N/A
Other	Safety characteristics Add electric password Administrator password TPM 2.0 Safe launch Safety panel	Safety characteristics Add electric password Administrator password TPM 2.0 Safe launch Safety panel		Lenovo AnyBay is a unique drive bay type that allows a choice of drive interface types in the same drive bay: SAS drives, SATA drives, or U.2 NVMe PCIe drives.	Cryptographically signed firmware；Hardware Root of Trust；Secure Boot；System Lockdown；System Erase；OpenMaN/Age connections: N/Agios & N/Agios XI,Oracle Enterprise MaN/Ager, HP Operations MaN/Ager, IBM Tivoli Netcool/OMNIbus, IBM Tivoli® Network MaN/Ager, CA Network and Systems MaN/Agement	N/A

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
Advantages of Dell Servers							1. Support 4U expansibility in 3U chassis; 2. RAID card Cache 8GB 3. NVDIMM support, low latency, high IO, data protection; 4. Efficient and automated server maN/Agement platform of dell 14 generation server platform with server life cycle maN/Agement; 5. Dell 14 generation server consistent			

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
								security features, Root Trust;			
Disadvantages of Dell Servers											
CPU	Model	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100 (up to 8 processors)	Intel® Xeon® Scalable processors 8100/6100/5100/8200/6200/5200	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100/5100	Intel® Xeon® Scalable processors 8100/6100
	CPU model	8180 28C 2.5GHz	Platinum 8180M	Platinum 8180M	Platinum 8180M	Intel Xeon Platinum 8176 28C 165W 2.1GHz	Platinum 8180M 28C 205W 2.5GHz	8180M	N/A	Platinum 8180M 28C 205W 2.5GHz	N/A
Chipset		Intel C622	Intel C621	Intel C621	Intel C621	Intel C624	Intel C624	Intel C621	N/A	Intel C624/intel 627	intel 620 series
RAM	Model	48 DIMM 64GB/2666MHz	DDR4 RDIMM,LRDIMM, NVDIMM	DDR4 RDIMM,LRDIMM	DDR4 RDIMM,LRDIMM, NVDIMM	48 DDR4 DIMM slots, up to 2666MT/s12 DDR4 DIMM	96 DDR4 DIMM slots (in the case of 8 cpus) up to 2666MT/s12	DDR4 2667MHze RDIMM/LRDIMM/NVDIMM	48 memory slots, up to DDR4-2666 memory	48 memory slots, up to DDR4-2666 memory	48 memory slots, up to DDR4-2666 memory

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						slots per CPU	DDR4 DIMM slots per CPU				
	Total Capacity	Up to 48 DDR4 memory slots (12 DDR4 memory slots per processor) with support for RDIMM and LRDIMM. Memory speeds up to 2666MT/s. RDIMM: 48 32 GB RDIMM, maxi memory is 1.5TB. LRDIMM: 48 64 GB	6TB	6TB	6TB	RDIMMs supports up to 1.5TB(4 CPU). LRDIMMs supports up to 3TB(4 CPU). 3DS RDIMMs supports up to 6TB(4 CPU).	RDIMMs supports up to 3TB (8 CPU). LRDIMMs supports up to 6TB (8 CPU). 3DS RDIMMs supports up to 12TB (8 CPU).	6TB		"RDIMMs supports up to 3TB. LRDIMMs supports up to 6TB. NVDIMM support	"RDIMMs supports up to 3TB. LRDIMMs supports up to 6TB. NVDIMM support

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		LRDIMM with a maxi memory of 3TB.									
Memory Controller	Model	Broadcom MegaRAID 9361-8i standard PCIe RAID card, supports RAID0 / 1/5/6/10/50/ 60, supports 1GB cache, and supports super capacitor protection. Huawei 3508 standard PCIe RAID card, supports	S100i,E208i/e,P408i/e,P816i	S100i,E208i/e, P408i/e	On board HW RAID: SATA RAID0/1/10/5; option PCIe 3.0 HBA and RAID card slots	**12Gbps RAID controller:** ThinkSystem RAID 530-8i PCIe 12Gb Adapter ThinkSystem RAID 730-8i 1GB Cache PCIe 12Gb Adapter ThinkSystem RAID 930-8i 2GB Flash PCIe 12Gb Adapter ThinkSystem RAID 930-16i 4GB Flash PCIe	**12Gbps RAID controller:** ThinkSystem RAID 530-8i PCIe 12Gb Adapter ThinkSystem RAID 730-8i 1GB Cache PCIe 12Gb Adapter ThinkSystem RAID 930-8i 2GB Flash PCIe 12Gb Adapter ThinkSystem RAID 930-16i 4GB Flash PCIe	S140/H330/H730P/H740P/H840	N/A	Raid card： LSI 9361-8i (1GB); INSPUR 0820P (2GB); LSI 9460-8i (2GB); INSPUR 0820L （2GB) LSI 9361-8i (2GB) INSPUR 0840L (4GB) SAS card： SAS3008 IMR； SAS3008 IT	Hard disk controller can be flexibly configured SAS card, support RAID0 / 1/10 SAS RAID card, support RAID 0/1/5/6/50/60 Support cache super capacitor protection, provide RAID state migration, RAID configuration memory and

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		RAID0 / 1/5/6/10/50/ 60, 2 / 4GB cache, and super capacitor protection.				12Gb Adapter 12Gbps non-RAID HBA card: ThinkSystem 430-8i SAS/SATA 12Gb HBA ThinkSystem 430-16i SAS/SATA 12Gb HBA NVMe adapter ThinkSystem 1610-4P NVMe Switch Adapter	12Gb Adapter 12Gbps non-RAID HBA card: ThinkSystem 430-8i SAS/SATA 12Gb HBA ThinkSystem 430-16i SAS/SATA 12Gb HBA				other functions
	Cache Size/Maximum	4GB	0/2GB/4GB	0/2GB/4GB	2GB	None、1GB、2GB、4GB	None、1GB、2GB、4GB	8GB	N/A	Up to 4GB	N/A

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
	Cahce Protect ion Type	N/A	flash-backed write cache (FBWC).		FBWC	None(530-8i、730-8i)、Flash backup(930-8i、930-16i)	None(530-8i、730-8i)、Flash backup(930-8i、930-16i)		N/A	N/A	N/A
	Battery or Capacit ance	Battery	Battery	Battery	Battery or Capacitance	Capacitance	Capacitance	Battery	N/A	Capacitance	Capacitance
	Main technic al charact eristics	Broadcom MegaRAID 9361 Huawei 3508 standard PCIe RAID card	12Gb	12Gb SAS, up to 240 pieces	N/A	**Controller Chips：** SAS3408(530-8i)、 SAS3108(730-8i)、 SAS3508 (930-8i)、 SAS3516(930-16i)、 SAS3408 (430-8i)、 SAS3416(430-16i) **RAID Support：**	**Controller Chips：** SAS3408 (530-8i)、 SAS3108 (730-8i)、 SAS3508 (930-8i)、 SAS3516 (930-16i)、 SAS3408(430-8i)、 SAS3416 (430-16i) **RAID**	H840 8GB cache (LSI 3508) exterN/Al H740P 8GB cache (LSI 3508) H730P 2GB cache (LSI 3108) H330 (LSI 3008) HBA (LSI 3008) S140 (software Raid, support NVMe)	Configurable storage controller with cache to support power-off protection module	LSI SAS 3108; PM8060;	N/A

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						530-8i(0\1\10\5\50)、730-8i(0\1\10\5\50)、930-8i(0\1\10\5\50\6\60)、930-16i(0\1\10\5\50\6\60)	Support：530-8i(0\1\10\5\50)、730-8i(0\1\10\5\50)、930-8i(0\1\10\5\50\6\60)、930-16i(0\1\10\5\50\6\60)				
SD Card	Number of SD cards	N/A	2	2	2	N/A	N/A	2	N/A	N/A	2
	SD card capacity	N/A	8GB/32GB	8GB/32GB	N/A	N/A	N/A	64GB	N/A	N/A	N/A
	SD cards can form RAID levels	N/A	RAID 1	RAID 1	RAID 1	N/A	N/A	1	N/A	N/A	N/A
M.2	M.2	N/A	2	2	N/A	1 or 2	1 or 2	2	2	2	2

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
	quantity										
	M. 2 single chip capacity	N/A	960GB	Max.960GB	N/A	ThinkSystem M.2 CV1 32GB ThinkSystem M.2 CV3 128GB	ThinkSystem M.2 CV1 32GB ThinkSystem M.2 CV3 128GB	240GB	N/A	Up to 960GB	N/A
	M.2 RAID levels	N/A	RAID 1	RAID 1	N/A	RAID 1	Raid 1	1	Raid1	Raid1	N/A
Network card	Sub-Card (NDC Card Type)	Mainboard provides 2*GE electrical port and 2*10GE optical port, this is the inherent configuration, can not be optional	4x1Gb/2x10Gb /4x10Gb/2x25 Gb(FlexibleLOM)	Default 4x1Gb(Flexibl eLOM) Optional 2x10Gb/4x10 Gb/2x25Gb	mLOM expandable 4xGE, 2x10GE , 2x10GE optical, mLOM support NCSI, PCI-E 3.0 的 NIC card option	LOM cards ThinkSystem 1Gb 2-port RJ45 LOM ThinkSystem 1Gb 4-port RJ45 LOM ThinkSystem 10Gb 2-port Base-T LOM ThinkSystem 10Gb 2-port	LOM cards ThinkSystem 1Gb 2-port RJ45 LOM ThinkSystem 1Gb 4-port RJ45 LOM ThinkSystem 10Gb 2-port Base-T LOM ThinkSystem 10Gb 2-port	4 1GE interfaces, or 2 10GE interfaces plus 2 1GE interfaces, or 4 10GE interfaces, or 2 25GE interfaces	Support for wave FLOM technology, flexible extension of multiple network configurations	2 x 10Gb; 4 x 10Gb; 2 x 25Gb; 1 x 25Gb; 4 X 1Gb;	Integrated gigabit dual port RJ45 and 10 gigabit dual port fiber network interface

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						SFP+ LOM ThinkSystem 10Gb 4-port Base-T LOM ThinkSystem 10Gb 4-port SFP+ LOM	SFP+ LOM ThinkSystem 10Gb 4-port Base-T LOM ThinkSystem 10Gb 4-port SFP+ LOM				
						ML2 adapters Intel I350-T4 ML2 1Gb 4-Port RJ45 Ethernet Adapter Intel X710-DA2 ML2 2x10GbE SFP+ Adapter Broadcom NX-E ML2 10Gb 2-Port Base-T Ethernet	**ML2 adapters** Intel I350-T4 ML2 1Gb 4-Port RJ45 Ethernet Adapter Intel X710-DA2 ML2 2x10GbE SFP+ Adapter Broadcom NX-E ML2 10Gb 2-Port Base-T Ethernet				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						Adapter Emulex VFA5.2 ML2 Dual Port 10GbE SFP+ Adapter Emulex VFA5.2 ML2 2x10 GbE SFP+ Adapter and FCoE/iSCSI SW Mellanox ConnectX-4 Lx ML2 1x25GbE SFP28 Adapter Mellanox ConnectX-4 Lx ML2 25Gb 2-Port SFP28 Ethernet Adapter Mellanox ConnectX-3	Adapter Emulex VFA5.2 ML2 Dual Port 10GbE SFP+ Adapter Emulex VFA5.2 ML2 2x10 GbE SFP+ Adapter and FCoE/iSCSI SW Mellanox ConnectX-4 Lx ML2 1x25GbE SFP28 Adapter Mellanox ConnectX-4 Lx ML2 25Gb 2-Port SFP28 Ethernet Adapter Mellanox ConnectX-3				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						Pro ML2 FDR 2-Port QSFP VPI Adapter	Pro ML2 FDR 2-Port QSFP VPI Adapter				
	PCIe (occupi es a standar d slot)	Provides a total of 11 PCI-e solt	N/A	N/A		**Support up to 13 PCIE 3.0 slots** Slot 1-2: Riser card slots (choice of x8/x8 or x16) (FHFL) Slot 3: Riser slot to eN/Able slots 1 & 2 in the PCIe Expansion Tray (PCIe 3.0 x16)* Slot 4: PCIe 3.0 x8 (low profile)	**Support up to 17 PCIE 3.0 slots** Slots 1-4 are via Riser Slot 1, one riser card of: Riser with 4x PCIe 3.0 x16 slots, all full-height half-length, all 75W Riser with 2x PCIe 3.0 x16 slots, all full-height half-length, both 75W	Yes	N/A	16 x PCIe +1 x OCP	Up to 14 PCIe expansion slots, Contains: 5 PCIe 3.0x16 slots 9 PCIe 3.0x8 slots

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						Slot 5-7: Riser card slots (choices are x8/x8/x8, x8/x8/x8ML2 and x8/x16ML2) Slot 8: PCIe 2.0 x2 / 6 Gb SATA slot reserved to M.2 adapter and drives Slot 9: Reserved for Ethernet LOM phy adapter Slot 10: PCIe 3.0 x8 (low profile) Slot 11: PCIe 3.0 x8 (low profile)	Riser with 4x PCIe 3.0 x8 slots, full-height half-length, all 75W Slot 5: PCIe 3.0 x16, low profile, 75W Slot 6: PCIe 3.0 x16, low profile, 75W Slot 7: PCIe 3.0 x8, low profile, 75W Slot 8: PCIe 3.0 x16 ML2, low profile (supports NC-SI) Slot 9: PCIe 3.0 x8 LOM adapter slot,				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						Slot 12: PCIe 3.0 x8 (low profile) Slot 13: Riser slot to eN/Able slots 14 & 15 in the PCIe Expansion Tray (PCIe 3.0 x16)* Slot 14-15: Riser card slots (choice of x8/x8 or x16) (FHFL) * Slots 3 and 13 are used as riser slots to eN/Able slots 1, 2, 14 and 15 in the PCIe Expansion	low profile (supports NC-SI) Slots 10-15 are via Riser Slot 2, one riser card of: Riser 5x16+ML2 Five PCIe 3.0 x16 slots, all full-height half-length, all 75W One PCIe 3.0 x16 ML2 slot, full-height half-length, 30W (no NC-SI support) Riser 2x16: Two PCIe 3.0 x16 slots, all				

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
					Tray.It is also supported to have the PCIe Expansion Tray installed with only one riser installed. Forexample, it is supported to have a riser card in slot 3 but not in slot 13; slot 13 can then be used as a PCIe x16 slot.	full-height half-length, both 75W Riser 4x8: Four PCIe 3.0 x8 slots, full-height half-length, all 75W Slot 16-17 on a riser: PCIe 3.0 x8 low profile, 75W PCIe 3.0 x8 low profile, 75W				
GPU **GPU Max Supported Blocks**	3	2	4	2 DW, 4SW	Supports up to 2 GPU If 1 GPU is installed, an 1100W power	Full-length adapter cards such as graphics processing	0	N/A	Max. 2 full height full length	N/A

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						supply or larger must be installed If 2 GPUs are installed, a 1600W power supply or larger must be installed	units (GPUs) do not physically fit in the server and are not supported.				
	GPU model	nVidia Tesla P4 single width	P2000 single width	P40/P6000	N/A	NVIDIA Tesla M60 GPU, PCIe (Passive)		N/A	N/A	P100	N/A
FPGA	FPGA Maximum Supported Blocks	0	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A
	FPGA model	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hard drive	Type (includi	8 SAS/SATA hard disk	24 SFF/12 NVMe	48 SFF/20 NVMe	Front: 48 x 2.5'' ,SATA/SAS	Supports up to 16 2.5-inch	Up to 24 2.5-inch	24*2.5''/12* NVMe	Supports 24 front hot plug	Supports up to 24 3.5"/2.5"	Supports up to 24 2.5" front

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
backpl ane	ng the maxim um numbe r of suppor ted hard disks)	configuration: Up to 8 front 2.5-inch SAS/SATA hard drives are supported, and 1 PCIe RAID card is required. This configuration can support the front panel DVD built-in drive, the default support VGA interface and USB 3.0 interface. 24 SAS/SATA hard disk			/SSD, 20X NVMe SSD	SAS/SATA hot plug hard drives There are 2 hard disk backboards to choose from: 8 SAS/SATA hard disk backboards (8 2.5-inch SAS/SATA hard disks) 8 SAS/SATA+Any Bay hard drive backboards a. 8 2.5-inch SAS/SATA hard drives b. 4 2.5-inch SAS/SATA hard drives + 4	SAS/SATA hot swap hard drives (distributed on 6 hard drive backboards) There are two hard disk backboards to choose from: a.SAS /SATA hard disk back panel (supports 4 SAS/SATA hard disks) b. AnyBay hard disk back board (supports 2 SAS/SATA/NV Me hard disks		mechanical or SSD(U.2 NVMe SSD), supports 24 3.5-inch hard disks	front hot-swap mechanical or solid state drives and up to 12 U.2 NVMe SSD drives	hot-plug mechanical or solid state drives and up to 12 U.2 NVMe SSD drives

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
	configuration: Up to 24 front-facing 2.5-inch SAS/SATA drives are supported, requiring 3 PCIe RAID CARDS, each connected directly to eight hard drives. 25 SAS/SATA hard disk configuration: Up to 25 front-facing 2.5-inch SAS/SATA drives are supported,				2.5-inch U.2 (NVMe) hard drives	+2 SAS/SATA hard disks)				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		requiring 1 PCIe RAID card.									
	Whether to support hard disk hot swap	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hard disk configuration	**Model and quantity**	8 front facing 2.5-inch SAS/SATA hard drives 24 front facing 2.5-inch SAS/SATA hard drives 25 front 2.5-inch SAS/SATA	24 SFF/12 NVMe	48 SFF/20 NVMe	SATA/SAS/NvMe 48 x 2.5"; 20 x NVMe;	**2.5-inch 12Gbps SAS hard drive：** 300GB 15K、 600GB 15K、 900GB 15K 300GB 10K、 600GB 10K、 900GB 10K、 1.2TB 10K、 1.8TB 10K **2.5-inch**	**2.5-inch 12Gbps SAS hard drive:** 300GB 15K、 600GB 15K、 900GB 15K 300GB 10K、 600GB 10K、 900GB 10K、 1.2TB 10K、 1.8TB 10K **2.5-inch**	SAS/SATA: 24*2.5''		3.5" SATA, NL-SAS; 2.5" SATA, SAS, NVMe; Max. 24 x 3.5" 24 x 2.5" 12 x NVMe	2.5" SATA, SAS, NVMe; Max. 24 x 2.5" 12 x NVMe

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		hard drives				**12Gbps NL-SAS hard drive：** 1TB 7.2K、2TB 7.2K **2.5-inch 6Gbps SATA hard drive：** 1TB 7.2K、2TB 7.2K **2.5-inch SSD hard drive：** SAS interface： HUSMM32 400GB、HUSMM32 800GB、PM1635a 400GB、PM1635a 800GB、PM1633a 3.84TB、	**12Gbps NL-SAS hard drive：** 1TB 7.2K、2TB 7.2K **2.5-inch 6Gbps SATA hard drive：** 1TB 7.2K、2TB 7.2K **2.5-inch SSDhard drive：** SAS interface： HUSMM32 400GB、HUSMM32 800GB、PM1635a 400GB、PM1635a 800GB、PM1633a				

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
					PM1633a 7.84TB SATA interface：PM863a 240GB、PM863a 480GB、Intel S3520 240GB、Intel S3520 480GB、NVMe PCIe interface：U.2 PX04PMB 800GB、U.2 PX04PMB 1.6TB、U.2 PX04PMB 960GB、U.2 PX04PMB 1.92TB、U.2 PM963 1.92TB、U.2	3.84TB、PM1633a 7.84TB SATA interface：PM863a 240GB、PM863a 480GB、Intel S3520 240GB、Intel S3520 480GB、NVMe PCIe interface：U.2 PX04PMB 800GB、U.2 PX04PMB 1.6TB、U.2 PX04PMB 960GB、U.2 PX04PMB 1.92TB、U.2 PM963				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						PM963 3.84TB	1.92TB、U.2 PM963 3.84TB				
Chassis	Dimensions (cm)	2U height; fully equipped with 31Kg	2U：8.75 x 44.54 x 75.47cm	4U：17.48 x 44.54 x 75.47cm	4U: (174.8Hx444W x807.4D)mm	4U Height: 175 mm (6.9 in) Width: 447 mm (17.6 in) Depth: 766 mm (30.1 in)	4U Height: 173 mm (6.8 in) Width: 447 mm (17.6 in) Depth: 800 mm (31.5 in)	48.2*13*81.3; 50kg	4U	4U Height：175.5 mm Width：448 mm Depth：812 mm	4U Height：175.5 mm Width：447 mm Depth：793 mm
	Ventilation method	Air-cooled	Forward wind	Wind after wind	Wind after wind	Wind after wind	Wind after wind	Wind after wind	Wind after wind	Wind after wind	Wind after wind
Temperature	Equipment operating temperature range (°C)	Operating temperature: 5℃ ～ 45℃ (41℉ ～ 113 ℉)	Up to 5° -45°	Up to 5° -45°	N/A	ASHRAE Class A4: 5 ℃ - 45 ℃ (41 ℉ - 113 ℉); for altitudes above 900 m (2,953 ft), decrease the maximum	ASHRAE Class A4: 5 ℃ - 45 ℃ (41 ℉ - 113 ℉); for altitudes above 900 m (2,953 ft), decrease the maximum	10℃ to 35℃	N/A	Operating temperature: 5℃ ～ 35℃	When it works: 5℃ ～ 40℃(

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
					ambient temperature by 1 ℃ for every 125-m (410-ft) increase in altitude ASHRAE Class A3: 5 ℃ - 40 ℃ (41 ℉ - 104 ℉); for altitudes above 900 m (2,953 ft), decrease the maximum ambient temperature by 1 ℃ for every 175-m (574-ft) increase in altitude	ambient temperature by 1 ℃ for every 125-m (410-ft) increase in altitude ASHRAE Class A3: 5 ℃ - 40 ℃ (41 ℉ - 104 ℉); for altitudes above 900 m (2,953 ft), decrease the maximum ambient temperature by 1 ℃ for every 175-m (574-ft) increase in altitude				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
						ASHRAE Class A2: 10 ℃ - 35 ℃ (50 °F - 95 ℉); for altitudes above 900 m (2,953 ft), decrease the maximum ambient temperature by 1 ℃ for every 300-m (984-ft) increase in altitude	ASHRAE Class A2: 10 ℃ - 35 ℃ (50 °F - 95 ℉); for altitudes above 900 m (2,953 ft), decrease the maximum ambient temperature by 1 ° C for every 300-m (984-ft) increase in altitude				
	Equipment working humidity	Operating humidity: 8% RH to 90% RH (non-condensing)	8% - 90%	8% - 90%	5℃～45℃	ASHRAE Class A4: 8% - 90% (non-condensing); maximum dew point: 24℃ (75 ℉)	ASHRAE Class A4: 8% - 90% (non-condensing); maximum dew point: 24℃(75 ℉)	10% to 80%	N/A	Operating humidity: 10% ～ 90% R.H.	N/A

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
	range					ASHRAE Class A3: 8% - 85% (non-condensing); maximum dew point: 24℃ (75 ℉) ASHRAE Class A2: 8% - 80% (non-condensing); maximum dew point: 21℃ (70 ℉)	ASHRAE Class A3: 8% - 85% (non-condensing); maximum dew point: 24℃ (75 ℉) ASHRAE Class A2: 8% - 80% (non-condensing); maximum dew point: 21℃ (70 ℉)				
Hot-swappable power supplies	Nominal power of single power supply (W)	• 2000W AC power module (Note2) • 1500W AC power module (power supply: 100V AC ~ 127V AC	800W/1600W	800W/1600W	Optional up to 4 800W/1200W/1600W high efficiency redundant power supply, support or 240VDC/336V DC	SR850/SR860 2S Power Paddle (power interposer) 750W (230V/115V) Platinum Hot-Swap Power Supply 1100W	1100W Platinum (230V/115V) Power Supply 1600W Platinum (230V) Power Supply	Platinum 1100W, 1600W, 2000W, 2400W, 336-380vdc 1100W Gold class 48VDC 1100W	Platinum level redundant hot plug power supply	550w (input voltage: 100 V to 240 V AC or 192 V to 300 V DC) 800W (input voltage: 100 V to 240 V AC or 192 V to 300 V DC)	Optional 550W/800W/1200W high efficiency platinum power supply can be configured with N+N/N+M redundancy,

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		or 200V AC ~ 240V AC or 190V DC ~ 300V DC) • 900W AC power module (power supply: 100V AC ~ 240V AC or 190V DC ~ 290V DC) • 1200W DC power module (power supply: -38.4V DC ~ -72V DC)				(230V/115V) Platinum Hot-Swap Power Supply 1600W (230V) Platinum Hot-Swap Power Supply 2000W (230V) Platinum Hot-Swap Power Supply				1300W (input voltage: 100 V to 240 V AC or 192 V to 300 V DC) 1600W (input voltage: 100 V to 240 V AC or 192 V to 300 V DC)	compatible with 220V AC and 48V/240V/336 V DC
	Quantity	2 1+1 redundant backup	1 to 2	4	4	2	4	2		4	4

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
	Dual power mode	Redundancy	The main case/LB	The main case/LB	The main case/LB	1+1 redundancy	Power supplies are N+N redundancy, meaning that the server can continue operation even with two failed power supplies, or if the utility service that feeds two power supplies goes offline.	Redundancy	Redundancy	Redundancy	Redundancy
	Input method	100V AC to 240V AC compatible with 240V DC	100 - 127 VAC, 200 - 240 VAC, 240VDC (800W Platinum PS only)	100 - 127 VAC, 200 - 240 VAC, 240VDC (800W	AC/HVDC	110V AC(750W、1100W) 220V AC(750W、	110V AC (1100W) 220V AC (1100W, 1600W)	220VDC/48VDC /380HVDC/240 HVDC	Support HVDC	AC 240V HVDC/AC	AC 240V HVDC/AC

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		200 - 240 VAC, 240VDC(800W Titanium PS only) 200 V to 277 VAC, 380 VDC (800W Universal PS only) -40 VDC to -72 VDC, -48 VDC nomiN/Al input (800W -48VDC PS only) 200 - 240 VAC, 240 VDC for ChiN/A only (1600W PS Only)	Platinum PS only) 200 - 240 VAC, 240 VDC(1600W PS only)		1100W、 1600W、 2000W) 240V DC(750W、 1100W、 1600W、 2000W)	240V DC (not supported)				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
PCI-E (I/O)	Quantity	Up to 11 PCIe 3.0 PCIe expansion slots are supported, where: • 1 x4 interface (using x8 slot) • 7 x8 interfaces • 3 x16 interfaces	8	16	16 PCIe 3.0 available slots (supports 4 full-width gpus)	**Support up to 13 PCIE 3.0 slots** Slot 1-2: Riser card slots (choice of x8/x8 or x16) (FHFL) Slot 3: Riser slot to eN/Able slots 1 & 2 in the PCIe Expansion Tray (PCIe 3.0 x16)* Slot 4: PCIe 3.0 x8 (low profile) Slot 5-7: Riser card slots (choices are x8/x8/x8,	**Support up to 17 PCIE 3.0 slots** Slots 1-4 are via Riser Slot 1, one riser card of: Riser with 4x PCIe 3.0 x16 slots, all full-height half-length, all 75W Riser with 2x PCIe 3.0 x16 slots, all full-height half-length, both 75W Riser with 4x PCIe 3.0 x8 slots, full-height	13	Up to 14 standard PCIe slots can be supported	16 x PCIe +1 x OCP	Up to 14 PCIe expansion slots, Contains: 5 PCIe 3.0x16 slots 9 PCIe 3.0x8 slots

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
					x8/x8/x8ML2 and x8/x16ML2) Slot 8: PCIe 2.0 x2 / 6 Gb SATA slot reserved to M.2 adapter and drives Slot 9: Reserved for Ethernet LOM phy adapter Slot 10: PCIe 3.0 x8 (low profile) Slot 11: PCIe 3.0 x8 (low profile) Slot 12: PCIe 3.0 x8 (low profile) Slot 13: Riser	half-length, all 75W Slot 5: PCIe 3.0 x16, low profile, 75W Slot 6: PCIe 3.0 x16, low profile, 75W Slot 7: PCIe 3.0 x8, low profile, 75W Slot 8: PCIe 3.0 x16 ML2, low profile (supports NC-SI) Slot 9: PCIe 3.0 x8 LOM adapter slot, low profile (supports NC-SI) Slots 10-15				

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
					slot to eN/Able slots 14 & 15 in the PCIe Expansion Tray (PCIe 3.0 x16)* Slot 14-15: Riser card slots (choice of x8/x8 or x16) (FHFL)	are via Riser Slot 2, one riser card of: Riser 5x16+ML2 Five PCIe 3.0 x16 slots, all full-height half-length, all 75W One PCIe 3.0 x16 ML2 slot, full-height half-length, 30W (no NC-SI support) Riser 2x16: Two PCIe 3.0 x16 slots, all full-height half-length, both 75W Riser 4x8:				

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
							Four PCIe 3.0 x8 slots, full-height half-length, all 75W Slot 16-17 on a riser: PCIe 3.0 x8 low profile, 75W PCIe 3.0 x8 low profile, 75W				
USB port	Quantity	Front panel provides 2 USB 2.0, 1 USB 3.0 Panel offers 2 USB 3.0	3 x USB 3.0 (front); 2 x USB 3.0 (rear);	9	4 USB 3.0 (1 front, 2 back, 1 built-in), 2 USB 2.0, support 2 MicroSD extensions	4：2 front、2 rear Front: Two USB 2.0 ports or one USB 2.0 and one USB 3.0 port； Rear: Two USB 3.0 ports；	4：2 front(USB 2.0)、2 rear(USB 3.0)	5	N/A	2 x USB 3.0 (front); 3 x USB 3.0 (rear);	4 USB 3.0 ports, located at the rear of the case, Optional support for 2 USB ports

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
Out-of -band manag ement	Yes or No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes
	The main functio n	UEFI iBMC Adopt independent interface, support SNMP, IPMI, provide GUI, virtual KVM, virtual media, SOL, intelligent power supply, remote control, hardware monitoring and other features. Support for	HPE iLO Standard with smart configuration (embedded), HPE OneView Standard (download required) (Standard), HPE iLO Advanced、 HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (optional)	HPE iLO Standard with smart configuration (embedded), HPE OneView Standard (download required) (Standard), HPE iLO Advanced、 HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (optional)	HDM has no agent management tools (with independent management port) and H3C FIST management software	XClarity Controller (XCC) Advanced Optionally upgrade to Enterprise by Features on Demand (FoD) Support Mobile management function (Xclarity Mobile App+ USB interface connection), Mobile App supports Android or iOS	XClarity Controller (XCC) Enterprise Support Mobile management function (Xclarity Mobile App+ USB interface connection), Mobile App supports Android or iOS	IPMI 2.0 compliant IDRAC9 with life cycle controller (Express edition, Enterprise edition) Optional Quick Sync 2 wireless module	N/A	Embedded intelligent server management chip, support IP 2.0 and Redfish management mode.Complet e remote system monitoring, remote KVM, virtual media and other management functions.Wave 's Power management technology can help users to	N/A

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
		NCSI for onboard network ports. Support for huawei eSight management software, support for VMware vCenter, Microsoft SystemCenter, N/Agios and other third party management system integration								accurately monitor and control the Power consumption of the system in real time. Power telemetry is implemented independently. Combined with Node maN/Ager 3.0 technology, IT can effectively control the overall energy consumption and further improve the performance of energy	

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
									efficiency of the overall IT architecture.Support the local USB interface and BMC management chip to obtain CPU registers and other low-level debugging letters, through the management network to achieve remote diagnosis of server fault.Embedded oscilloscope technology, real-time	

Server Model		Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
										detection of server hardware key signal state, save state jump, can help engineers to solve the problem.	
Energy manag ement	Yes or No	N'A	Yes	Yes	N/A	Yes : Xclarity Energy MaN/Ager	Yes : Xclarity Energy MaN/Ager	Yes	N/A	N/A	N/A
System cooling fan		N'A	6 hot plug fans, support N+1 redundancy	12	12 N+1 redundant hot plug fans	6 hot plug fans, support N+1 redundancy	12 hot plug fans, support N+1 redundancy	Wind deflector plate, vector heat dissipation	N/A	4 hot plug fans, support N+1 redundancy	4 fan modules
LCD display		Only fault diagnosis digital tube	Systems Insight Display	Systems Insight Display	N/A	Yes	Yes	Optional	N/A	Yes	N/A
Host front panel with keyhole and			Yes	Yes	N/A	Support, optional Lockable front	N/A	Yes	N/A	N/A	N/A

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
key					security bezel					
Other	Safety characteristics Add electric password Administrator password TPM 2.0 Safe launch Safety panel			N/A	Lenovo AnyBay is a unique drive bay type that allows a choice of drive interface types in the same drive bay: SAS drives, SATA drives, or U.2 NVMe PCIe drives.	Lenovo AnyBay is a unique drive bay type that allows a choice of drive interface types in the same drive bay: SAS drives, SATA drives, or U.2 NVMe PCIe drives.	Cryptographically signed firmware；Hardware Root of Trust; Secure Boot; System Lockdown; System Erase; OpenMaN/Age connections: N/Agios & N/Agios XI,Oracle Enterprise MaN/Ager, HP Operations MaN/Ager, IBM Tivoli Netcool/OMNIbus, IBM Tivoli® Network	IMD enhanced memory protection technology, BMC dual ROM redundancy recoverable technology, DSFI depth system error insight, and a new generation of LIDS optical path diagnosis system	N/A	N/A

Server Model	Huawei RH2488H v5 (2U) --- 2 floors motherboard design	HPE DL560 G10 (2U) ---2 floors motherboard design	HPE DL580 G10 (4U) ---2 floors motherboard design	H3C R6900 G3 (4U) ---single layer motherboard design	Lenovo SR860 (4U)	Lenovo SR950 (4U)---Up to 8 servers can be upgraded inside the 4U chassis	Dell R940(3U) ----2 floors motherboard design	Inspur NF8460 M5 (4U)	Inspur NF8480 M5 (4U, using single-floor motherboard design)	Sugon I840-G30
							MaN/Ager, CA Network and Systems MaN/Agement			

Related Sources

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Huawei RH5885H V5 VS Servers of HPE, H3C, Lenovo, Dell, Inspur and Sugon

Huawei FusionServer X6000, XH321 v5 VS Servers of HPE, Lenovo, Dell and Inspur

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200+	16,000+	$20,000,000	50%~98%	100%	Global
Countries we Sold	Customers Trusted	Inventory Available	Off Global List Price	Safe Online Shopping	Price List Tool

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