Huawei Tecal XH620 V2 Server Compatibility List

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Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base

Bantian, Longgang

Shenzhen 518129

People's Republic of China

Website: http://www.Huawei.com

Email: support@Huawei.com

About This Document

Purpose

This document describes the compatibility of HUAWEI Server in terms of its processor, dual in-line memory module (DIMM), hard disk controller, hard disk, operating system (OS), peripheral component interconnect express (PCIe) card, third-party storage device, and certification.

Intended Audience

This document is intended for:

- Server customers
- Technical support personnel
- Maintenance personnel
- Account managers
- Product managers
- Sales managers

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
⚠ DANGER	Alerts you to a high risk hazard that could, if not avoided, result in serious injury or death.
⚠ WARNING	Alerts you to a medium or low risk hazard that could, if not avoided, result in moderate or minor injury.
⚠ CAUTION	Alerts you to a potentially hazardous situation that could, if not avoided, result in equipment damage, data loss, performance deterioration, or unanticipated results.
⚙ TIP	Provides a tip that may help you solve a problem or save time.
📖 NOTE	Provides additional information to emphasize or supplement important points in the main text.

Contents

1 Huawei Tecal XH620 V2 Server

1.1 Processor

No.	Part Number	Description	Remarks
1.	41020278	Intel Xeon Processor E5-2603 SandyBridge-EP - 4 Core - 1.8GHz - QPI 6.4GT/s - L3 Cache 10M – 1066MHz-80W	
2.	41020279	Intel Xeon Processor E5-2609 SandyBridge-EP - 4 Core - 2.4GHz - QPI 6.4GT/s - L3 Cache 10M -1066MHz-80W	
3.	41020222	Intel Xeon Processor E5-2620 SandyBridge-EP - 6 Core - 2.0GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz- 95W	
4.	41020274	Intel Xeon Processor E5-2630 SandyBridge-EP - 6 Core - 2.3GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
5.	41020275	Intel Xeon Processor E5-2640 SandyBridge-EP - 6 Core - 2.5GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
6.	41020281	Intel Xeon Processor E5-2643 SandyBridge-EP - 4 Core - 3.3GHz - QPI 8.0GT/s - L3 Cache 10M – 1600MHz-130W	
7.	41020276	Intel Xeon Processor E5-2650 SandyBridge-EP - 8 Core - 2.0GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 95W	
8.	41020310	Intel Xeon Processor E5-2650L SandyBridge-EP - 8 Core - 1.8GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-70W	
9.	41020265	Intel Xeon Processor E5-2658 SandyBridge-EP - 8 Core - 2.1GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	
10.	41020277	Intel Xeon Processor E5-2660 SandyBridge-EP - 8 Core - 2.2GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	
11.	41020297	Intel Xeon Processor E5-2665 SandyBridge-EP - 8 Core - 2.4GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz-115W	

No.	Part Number	Description	Remarks
12.	41020282	Intel Xeon Processor E5-2667 SandyBridge-EP - 6 Core - 2.9GHz - QPI 8.0GT/s - L3 Cache 15M – 1600MHz-130W	
13.	41020296	Intel Xeon Processor E5-2670 SandyBridge-EP - 8 Core - 2.6GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-115W	
14.	41020283	Intel Xeon Processor E5-2680 SandyBridge-EP - 8 Core - 2.7GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 130W	

1.2 DIMM

No.	Part Number	Description	Remarks
1.	06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm	
2.	06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm	
3.	06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm	
4.	06200121	DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V 1600-Height 30mm	

1.3 Hard Disk Controller

No.	Part Number	Description	Remarks
1.	03021FTX	RU120 Server Raid Controller- SAS 6G/SATA 6G - RAID0 / RAID1 / RAID10/ RAID1E	
2.	02310KRM	RU220 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB - RAID0 / RAID1 / RAID10 / RAID5 / RAID50	
3.	02310KTJ	RU620 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB - RAID0 / RAID1 / RAID10 / RAID5 / RAID50 / RAID6 / RAID60	

1.4 Hard Disk

No.	Part Number	Description	Remarks
1.	02310KPR	10000 RPM - 2.5' SAS 6Gbps -300GB HDD	
2.	02310KPU	10000 RPM - 2.5' SAS 6Gbps -600GB HDD	

3.	02310LYS	10000 RPM - 2.5' SAS 6Gbps -900GB HDD	
4.	02310LHE	15000 RPM - 2.5' SAS 6Gbps -146GB HDD	
5.	02310MMV	15000 RPM - 2.5' SAS 6Gbps -300GB HDD	
6.	02310LBB	7200 RPM - 2.5' SATA 6Gbps -500GB HDD	
7.	02310LAY	7200 RPM - 2.5' SATA 6Gbps -1000GB HDD	
8.	02310KSX	MLC -2.5' SATA 3Gbps -160GB SSD	
9.	02310LTB	MLC -2.5' SATA 3Gbps -300GB SSD	
10.	02310MMS	MLC -2.5' SATA 3Gbps -600GB SSD	
11.	02310MLB	7200 RPM - 2.5' SAS 6Gbps -1000GB HDD	

1.5　OS

No.	Model	Description	Remarks
1.	Windows2008 SP2	Microsoft Windows Sever 2008 SP2 32bit	
2.	Windows2008 R2 SP1	Microsoft Windows Sever 2008 R2 SP1 64bit	
3.	RHEL 6U1	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T Redhat Certification URL: ▶	
4.	SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T	
5.	Oracle 6.1	Oracle Enterprise Linux 6.1 Server X86_64	
6.	Citrix 5.6	Citrix XenServer 5.6.0	
7.	Citrix 6.0	Citrix XenServer 6.0.0	
8.	Vmware 4.1	Vmware ESXi 4.1.0	
9.	Vmware 5.0	Vmware ESXi 5.0	

1.6   PCIe Card

No.	Part Number	Description	Remarks
1.	06310023	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length	Refer to Note 1
2.	06310025	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	Refer to Note 1
3.	06310024	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	Refer to Note 1
4.	06310026	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	Refer to Note 1
5.	06310038	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length	Refer to Note 1
6.	06310039	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	Refer to Note 1
7.	06310040	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	Refer to Note 1
8.	06310041	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	Refer to Note 1
9.	06030220	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length	
10.	06030221	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length	
11.	06030217	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length	
12.	06030216	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length	

| 13. | 03030NQC | The 3rd Generation PCIE SSD Card 640GB 25nm PCIE 1.1 X8 | |

Note 1:   Certified for   Windows2008 SP2 /Windows2008 R2 SP1 /RHEL 6U1/SLES 11.1

1.7   Storage Device

No.	Part Number	Description	Remarks
1.	0125G03H	OceanStorTM S3900series storage	HBA: 06030220,06030221, 06030217,06030216

1.8   Certification

No.	Country/ Region	Certificatio n	Remarks
1	China	RoHS	Default
2	Europe	WEEE	Default
3	China	CCC	*On working*

1.9   Peripherals

No.	Part Number	Description	Remarks
1.	06010186	Solid-State Flash Disk,8.0G,USB2.0 interface	
2.	06010162	Solid-State Flash Disk - SLC - NAND flash- 4.0G - USB Flash Module	

1.10 Power Supply

No.	Part Number	Description	Remarks

1.			
2.			