



Huawei Tecal XH320 V2 Server Compatibility List

Version 2.10
Date 2012-10-31

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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.

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1 Huawei Tecal XH320 V2 Server

1.1 Processor

No.	Part Number	Description	Remarks	For sale
1.	41020308	Intel Xeon Processor E5-2403 SandyBridge-EN - 4 Core - 1.8GHz - QPI 6.4GT/s - L3 Cache 10M - 1066MHz-80W		Y
2.	41020309	Intel Xeon Processor E5-2407 SandyBridge-EN - 4 Core - 2.2GHz - QPI 6.4GT/s - L3 Cache 10M - 1066MHz-80W		Y
3.	41020229	Intel Xeon Processor E5-2420 SandyBridge-EN - 6 Core - 1.9GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz- 95W		Y
4.	41020302	Intel Xeon Processor E5-2430 SandyBridge-EN - 6 Core - 2.2GHz - QPI 7.2GT/s - L3 Cache 15M - 1333MHz-95W		Y
5.	41020303	Intel Xeon Processor E5-2440 SandyBridge-EN - 6 Core - 2.4GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz-95W		Y
6.	41020306	Intel Xeon Processor E5-2430L SandyBridge-EN - 6 Core - 2.0GHz - QPI 7.2GT/s - L3 Cache 15M - 1333MHz-60W		Y
7.	41020304	Intel Xeon Processor E5-2450 SandyBridge-EN - 4 Core - 2.1GHz - QPI 8.0GT/s - L3 Cache 10M - 1600MHz-95W		Y
8.	41020307	Intel Xeon Processor E5-2450L SandyBridge-EN - 8 Core - 1.8GHz - QPI 8.0GT/s - L3 Cache 20M - 1600MHz-70W		Y

9.	41020305	Intel Xeon Processor E5-2470 SandyBridge-EN - 8 Core – 2.3GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W		Y
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1.2 DIMM

No.	Part Number	Description	Remarks	For sale
1.	06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm		Y
2.	06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm		Y
3.	06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm		Y
4.	06200121	DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V 1600-Height 30mm		Y
5	06200139	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.5V 1600-Height 30mm		Y

1.3 Hard Disk Controller

No.	Part Number	Description	Remarks	For sale
1.	03021FTX	RU120 Server Raid Controller- SAS 6G/SATA 6G - RAID0 / RAID1 / RAID10/ RAID1E		Y
2.	02310KRM	RU220 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB - RAID0 / RAID1 / RAID10 / RAID5 / RAID50		Y
3.	02310KTJ	RU620 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB - RAID0 / RAID1 / RAID10 / RAID5 / RAID50 / RAID6 / RAID60		Y
4.	02310MVY	RU620 Server Raid Controller- SAS 6G/SATA 6G - Cache 1G - RAID0 / RAID1 / RAID10 / RAID5 / RAID50 / RAID6 / RAID60		Y
5.	03021GMR	RU920 Server SAS Driver Card – Only SATA	Only for Alibaba	Y

1.4 Hard Disk

No.	Part Number	Description	Remarks	For sale
1.	02310KPR	10000 RPM - 2.5' SAS 6Gbps - 300GB HDD		Y
2.	02310KPU	10000 RPM - 2.5' SAS 6Gbps - 600GB HDD		Y
3.	02310LYS	10000 RPM - 2.5' SAS 6Gbps - 900GB HDD		Y
4.	02310LHE	15000 RPM - 2.5' SAS 6Gbps - 146GB HDD		Y
5.	02310MMV	15000 RPM - 2.5' SAS 6Gbps - 300GB HDD		Y
6.	02310LBB	7200 RPM - 2.5' SATA 6Gbps - 500GB HDD		Y
7.	02310LAY	7200 RPM - 2.5' SATA 6Gbps - 1000GB HDD		Y
8.	02310MLB	7200 RPM - 2.5' NL SAS 6Gbps - 1000G HDD		Y
9.	02310KSX	MLC -2.5' SATA 3Gbps - 160GB SSD		Y
10.	02310LTB	MLC -2.5' SATA 3Gbps - 300GB SSD		Y
11.	02310MMS	MLC -2.5' SATA 3Gbps - 600GB SSD		Y

1.5 OS

No.	Model	Description	Remarks	For sale
1.	Windows2008 SP2	Microsoft Windows Sever 2008 SP2 32bit Windows Certification URL: ▶		Y
2.	Windows2008 R2 SP1	Microsoft Windows Sever 2008 R2 SP1 64bit Windows Certification URL: ▶		Y

3.	RHEL 6U1	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T RHEL Certification URL: ▶		Y
4.	SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T		Y
5.	Oracle 6.1	Oracle Enterprise Linux 6.1 Server X86_64 Oracle Certification URL: ▶		Y
6.	Oracle VM 3.0.2	Oracle Server VM 3.0.2 Oracle Certification URL: ▶		Y
7.	Citrix 5.6	Citrix XenServer 5.6.0 Citrix Certification URL: ▶		Y
8.	Citrix 6.0	Citrix XenServer 6.0.0 Citrix Certification URL: ▶		Y
9.	Vmware 4.1	Vmware ESXI 4.1.0		Y
10.	Vmware 5.0	Vmware ESXi 5.0.0		Y
11.	CentOS 5U8	CentOS Linux 5. Update 8 for x86/Intel EM64T		Y

1.6 PCIe Card

No.	Part Number	Vendor of PCIE card	model of PCIE card	Description	Remarks	For sale
1.	06310023	Intel	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length	Refer to Note 1	Y
2.	06310025	Intel	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	Refer to Note 1	Y

3.	06310024	Intel	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	Refer to Note 1	Y
4.	06310026	Intel	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	Refer to Note 1	Y
5.	06310038	Silicom	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length	Refer to Note 1	Y
6.	06310039	Silicom	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	Refer to Note 1	Y
7.	06310040	Silicom	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	Refer to Note 1	Y
8.	06310041	Silicom	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	Refer to Note 1	Y
9.	06030220	Qlogic	QLE2562	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length		Y
10.	06030221	Qlogic	QLE2560	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length		Y
11.	06030217	Emulex	LPE12002	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length		Y

12.	06030216	Emulex	LPE12000	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 3.0 x8 -multi-mode optic -DLC -Half-height half-length		Y
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Note 1: Certified for Windows2008 SP2 /Windows2008 R2 SP1 /RHEL 6U1/SLES 11.1

1.7 Storage Device

No.	Part Number	Description	Remarks	For sale
1.	0125G03H	OceanStor™ S3900series storage	HBA: 06030220,06030221, 06030217,06030216	Y

1.8 Certification

No.	Country/Region	Certification	Remarks
1	China	RoHS	Default
2	Europe	WEEE	Certificate: N/A Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8766875708#tab:generalTab
3	Europe	RoHS	Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8726436564#tab:generalTab Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8726436544#tab:generalTab
4	Europe	REACH	Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8726436523#tab:generalTab Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8726436544#tab:generalTab

5	Europe	CE	<p>Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8872120126#tab:generalTab</p> <p>Report:</p> <p>For EMC : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8693456446#tab:generalTab</p> <p>For Safety : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8799019290#tab:generalTab</p>
6	Australia	C-tick	<p>Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8744510646#tab:generalTab</p> <p>Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8693456446#tab:generalTab</p>
7	America	FCC	<p>Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9002404158#tab:generalTab</p> <p>Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8606174568#tab:generalTab</p>
8	Canada	IC	<p>Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9002404158#tab:generalTab</p> <p>Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8606174568#tab:generalTab</p>

9	Japan	VCCI	<p>Certificate:</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9129747371#tab:generalTab</p> <p>Report :</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8693456446#tab:generalTab</p>
10	Nigeria	SONCAP	<p>Certificate : (on working)</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9918585976#tab:generalTab</p> <p>Report : (the same as Safety CE Report)</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8799019290#tab:generalTab</p>
11	China	CCC	<p>Certificate:</p> <p>(for AC Part)</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8539054170#tab:generalTab</p> <p>(for DC Part)</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8960001135#tab:generalTab</p> <p>Report:</p> <p>(for AC Part)</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8539064790#tab:generalTab</p> <p>(for DC Part)</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8960001155#tab:generalTab</p>

12	Saudi Arabia	SASO	<p>Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9660672502#tab:generalTab</p> <p>Report : (the same as Safety CE Report) http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8799019290#tab:generalTab</p>
13	America	UL	<p>Certificate: (on working) http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A10189531196#tab:generalTab</p> <p>Report : (on working) http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A10189531196#tab:generalTab</p>
14	China	China Environmental Labeling	<p>Certificate: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A6784902411#tab:generalTab</p> <p>Report: (N/A)</p>

1.9 Peripherals

No.	Part Number	Description	Remarks	For sale
1.	06010186	Solid-State Flash Disk,8.0G,USB2.0 interface		Y
2.	06010162	Solid-State Flash Disk - SLC - NAND flash- 4.0G - USB Flash Module		Y
3.	06020088	DVDRE-CD 24X/DVD 8X,USB2.0,External,USB 2.0 5V power		Y

1.10 Power Supply

No.	Part Number	Description	Remarks	For sale
1.	98080310	AC/DC Power Module 750W 100V-240V /9.0~4.5A +12V/62.5A 92.0% Gold		Y

2.	02130985	AC/DC Power Module 1200W 100V-240V/6.6~9.3A +12V/100A 94.0% Platinum		Y
3.	02270113	DC/DC Power Module 824W -38V- +12V/65A 93.5% Gold	Only for china	Y