



Huawei Tecal BH621 V2 Server Compatibility List

Version 2.9
Date 2012-10-11

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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.

Contents

About This Document	ii
1 Huawei Tecal BH621 V2 Server	4
1.1 Processor	4
1.2 DIMM	4
1.3 Hard Disk Controller	5
1.4 Card	5
1.5 Hard Disk	5
1.6 OS	6
1.7 PCIe Card	6
1.8 Storage Device.....	7
1.9 Certification.....	7
1.10 Peripherals.....	9
1.11 Power Supply	9

1 Huawei Tecal BH621 V2 Server

1.1 Processor

No.	Part Number	Description	Remarks
1.	41020308	Intel Xeon Processor E5-2403 SandyBridge-EN - 4 Core - 1.8GHz - QPI 6.4GT/s - L3 Cache 10M – 1066MHz-80W	
2.	41020309	Intel Xeon Processor E5-2407 SandyBridge-EN - 4 Core - 2.2GHz - QPI 6.4GT/s - L3 Cache 10M – 1066MHz-80W	
3.	41020229	Intel Xeon Processor E5-2420 SandyBridge-EN - 6 Core - 1.9GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz- 95W	
4.	41020302	Intel Xeon Processor E5-2430 SandyBridge-EN - 6 Core - 2.2GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
5.	41020303	Intel Xeon Processor E5-2440 SandyBridge-EN - 6 Core - 2.4GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz-95W	
6.	41020306	Intel Xeon Processor E5-2430L SandyBridge-EN - 6 Core - 2.0GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-60W	
7.	41020304	Intel Xeon Processor E5-2450 SandyBridge-EN - 4 Core – 2.1GHz - QPI 8.0GT/s - L3 Cache 10M – 1600MHz-95W	
8.	41020307	Intel Xeon Processor E5-2450L SandyBridge-EN - 8 Core - 1.8GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-70W	
9.	41020305	Intel Xeon Processor E5-2470 SandyBridge-EN - 8 Core – 2.3GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	

1.2 DIMM

No.	Part Number	Description	Remarks
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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	
5.	06200123	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.35V 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	

1.4 Card

No.	Part Number	Description	Remarks
1.	98080448	MU220 Server FC Controller- FC 8G	
2.	03021GUV	MU221 Server FC Controller- FC 2G	
3.	03021GBH	Tecal E6000,BC01QGMA,GE Module MEZZ Card,Board ID 0X15,2*2	Refer to Note 1
4.	03021LTL	Tecal E6000,BC01TGMA-2*10GE MEZZ Card-2*2	Refer to Note 1

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

1.5 Hard Disk

No.	Part Number	Description	Remarks
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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' NL SAS 6Gbps -1000GB HDD	

1.6 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 6.1 Update 1 Server for x86/Intel EM64T	
4.	SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T	

1.7 PCIe Card

No.	Part Number	Description	Remarks
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1.	06310023	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length	
2.	06310025	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	
3.	06310024	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	
4.	06310026	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	
5.	99044PAT	Single Port Adapter,40Gb/s Infiniband, PCIE 3.0 X8 Half-height	

1.8 Storage Device

No.	Part Number	Description	Remarks
1.	0125G03H	OceanStor™ S3900series storage	HBA: 06030220,06030221, 06030217,06030216, 99080448,03021GUV,

1.9 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%3A9273062592#tab:generalTab

3	Europe	RoHS	<p>Certificate: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142835#tab:generalTab</p> <p>Report: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142815#tab:generalTab</p>
4	Europe	REACH	<p>Certificate: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142794#tab:generalTab</p> <p>Report: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142815#tab:generalTab</p>
5	Europe	CE	<p>Certificate: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7804843463#tab:generalTab</p> <p>Report(including 2 parts:EMC and Safety)</p> <p>For EMC: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab</p> <p>For Safety: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9865094544#tab:generalTab</p>
6	Australia	C-tick	<p>Certificate: (<i>on working</i>)</p> <p>Report: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab</p>
7	America	FCC	<p>Certificate: http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&oid=OR%3Awt.doc.WTDocumentMaster%3A9731068078&action=ObjProps</p> <p>Report: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819323#tab:generalTab</p>

8	Canada	IC	<p>Certificate: http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&oid=OR%3Awt.doc.WTDocumentMaster%3A9731146660&action=ObjProps</p> <p>Report: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819323#tab:generalTab</p>
9	Japan	VCCI	<p>Certificate: http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&oid=OR%3Awt.doc.WTDocumentMaster%3A9685868491&action=ObjProps</p> <p>Report: http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab</p>
10	Nigeria	SONCAP	<p>Certificate: http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&oid=OR%3Awt.doc.WTDocumentMaster%3A9918136574&action=ObjProps</p> <p>Report: (The same as <i>Safety CE Report</i>) http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&oid=OR%3Awt.doc.WTDocumentMaster%3A6967562503&action=ObjProps</p>

1.10 Peripherals

No.	Part Number	Description	Remarks
1.	06010162	Solid-State Flash Disk - SLC - NAND flash- 4.0G - USB Flash Module	
2.	06010186	Solid-State Flash Disk - 8GB - USB 2.0	

1.11 Power Supply

No.	Part Number	Description	Remarks
1.	02270092	DC/DC Power Module 1300W -36V- -60V +12V/108.5A 90.0%	Only for china

2.	02130876	AC/DC Power Module 1600W 90V-264V +12V/131.6A 90.0%	
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