



Huawei Tecal BH620 Server Compatibility List

Version 2.10
Date 2012-10-31

Copyright © Huawei Technologies Co., Ltd. 2011. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Trademarks and Permissions



and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

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

About This Document..... ii

1 Huawei Tecal BH620 Server4

- 1.1 Processor..... 4
- 1.2 DIMM 5
- 1.3 Hard Disk Controller..... 6
- 1.4 Hard Disk..... 6
- 1.5 OS..... 7
- 1.6 PCIe Card..... 9
- 1.7 Third-Party Storage Device 10
- 1.8 Certification 10
- 1.9 Peripherals 12
- 1.10 Power Supply 12

1 Huawei Tecal BH620 Server

1.1 Processor

No.	Part Number	Description	Remarks	For sale
1.	41020186	Intel Xeon Processor E5504 Nehalem - 4 Core - 2.00GHz - QPI 4.80GT/s - L3 Cache 4MB - 80W	EOM	N
2.	41020174	Intel Xeon Processor E5506 Nehalem - 4 Core - 2.13GHz - QPI 4.80GT/s - L3 Cache 4MB - 80W	EOM	N
3.	41020205	Intel Xeon Processor E5507 Nehalem - 4 Core - 2.26GHz - QPI 4.80GT/s - L3 Cache 4MB - 80W	EOM	N
4.	41020175	Intel Xeon Processor E5520 Nehalem - 4 Core - 2.26GHz - QPI 5.86GT/s - L3 Cache 8MB - 80W	EOM	N
5.	41020187	Intel Xeon Processor E5530 Nehalem - 4 Core - 2.40GHz - QPI 5.86GT/s - L3 Cache 8MB - 80W	EOM	N
6.	41020178	Intel Xeon Processor E5540 Nehalem - 4 Core - 2.53GHz - QPI 5.86GT/s - L3 Cache 8MB - 80W	EOM	N
7.	41020235	Intel Xeon Processor E5606 Westmere - 4 Core - 2.13GHz - QPI 4.80GT/s - L3 Cache 8MB - 80W		Y
8.	41020236	Intel Xeon Processor E5607 Westmere - 4 Core - 2.26GHz - QPI 4.80GT/s - L3 Cache 8MB - 80W		Y
9.	41020204	Intel Xeon Processor E5620 Westmere - 4 Core - 2.40GHz - QPI 5.86GT/s - L3 Cache 12MB - 80W		Y
10.	41020203	Intel Xeon Processor E5630 Westmere - 4 Core - 2.53GHz - QPI 5.86GT/s - L3 Cache 12MB - 80W		Y

11.	41020202	Intel Xeon Processor E5640 Westmere - 4 Core - 2.66GHz - QPI 5.86GT/s - L3 Cache 12MB - 80W		Y
12.	41020196	Intel Xeon Processor E5645 Westmere - 6 Core - 2.40GHz - QPI 5.86GT/s - L3 Cache 12MB - 80W		Y
13.	41020181	Intel Xeon Processor X5550 Nehalem - 4 Core - 2.66GHz - QPI 6.40GT/s - L3 Cache 8MB - 95W	EOM	N
14.	41020201	Intel Xeon Processor X5650 Westmere - 6 Core - 2.66GHz - QPI 6.40GT/s - L3 Cache 12MB - 95W		Y
15.	41020199	Intel Xeon Processor X5670 Westmere - 6 Core - 2.93GHz - QPI 6.40GT/s - L3 Cache 12MB - 95W		Y
16.	41020239	Intel Xeon Processor L5630 Westmere - 4 Core - 2.13GHz - QPI 5.86GT/s - L3 Cache 12MB - 40W		Y

1.2 DIMM

No.	Part Number	Description	Remarks	For sale
1.	06200100	DDR3 RDIMM-1GB-1Rx8 1Gbit- 1.5V 1333-Height 30mm	EOM	N
2.	06200101	DDR3 RDIMM-2GB-2Rx8 1Gbit- 1.5V 1333-Height 30mm	EOM	N
3.	06200102	DDR3 RDIMM-4GB-2Rx4 1Gbit- 1.5V 1333-Height 30mm	EOM	N
4.	06200105	DDR3 RDIMM-4GB-2Rx8 2Gbit- 1.5V 1333-Height 30mm	EOM	N
5.	06200103	DDR3 RDIMM-8GB-2Rx4 2Gbit- 1.5V 1333-Height 30mm	EOM	N
6.	06200108	DDR3 RDIMM-16GB-4Rx4 2Gbit- 1.5V 1333-Height 30mm	EOM	N
7.	06200109	DDR3 RDIMM-2GB-1Rx8 2Gbit- LV 1.35V 1333-Height 30mm	EOM	N
8.	06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm		Y

9.	06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm		Y
10.	06200114	DDR3 RDIMM-8GB-4Rx8 2Gbit- LV 1.35V 1066-Height 30mm	EOM	N
11.	06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm		Y

1.3 Hard Disk Controller

No.	Part Number	Description	Remarks	For sale
1.	03020NVB	RC200 Server Raid Controller- SAS 3G/SATA 3G - RAID0 / RAID1 / RAID1E		Y
2.	03021UCT	RC200 Server Raid Controller- SAS 3G/SATA 3G - RAID0 / RAID1 / RAID1E		Y
3.	03020PLA	RC310 Server Raid Controller- SAS 3G/SATA 3G - Cache 256MB - RAID0 / RAID1 / RAID10 /RAID5 / RAID6	EOM	N
4.	03021GLD	RC311 Server Raid Controller- SAS 3G/SATA 3G - Cache 512MB - RAID0 / RAID1 / RAID10 /RAID5 / RAID6		Y

1.4 Hard Disk

No.	Part Number	Description	Remarks	For sale
1.	06210133	10000 RPM - 2.5' SAS 6Gbps -300GB HDD		Y
2.	06210148	10000 RPM - 2.5' SAS 6Gbps -600GB HDD		Y
3.	06210175	10000 RPM - 2.5' SAS 6Gbps - 900GB HDD		Y
4.	06210136	15000 RPM - 2.5' SAS 6Gbps -146GB HDD		Y
5.	06210187	15000 RPM - 2.5' SAS 6Gbps -300GB HDD		Y

6.	06210157	7200 RPM - 2.5' SATA 6Gbps -500GB HDD		Y
7.	06210169	7200 RPM - 2.5' SATA 6Gbps -1000GB HDD		Y
8.	06210151	MLC 2.5' SATA 3Gbps -160GB SSD	See ¹	N
9.	06210163	MLC 2.5' SATA 3Gbps -300GB SSD	See ¹	N
10.	06210168	MLC 2.5' SATA 3Gbps -600GB SSD	See ¹	N
11.	06210186	7200 RPM - 2.5' NL SAS 6Gbps -1000GB HDD		Y

1. Support RC310 and RC311only

1.5 OS

No.	Model	Description	Remarks	For sale
1.	Windows2003 R2	Microsoft Windows Sever 2003 R2 Enterprise/Standard Edition 32/64bit Microsoft Certification URL: ►		Y
2.	Windows2008 SP2	Microsoft Windows Sever 2008 SP2 32bit Microsoft Certification URL: ►		Y
3.	Windows2008 R2	Microsoft Windows Sever 2008 R2 64bit Microsoft Certification URL: ►		Y
4.	RHEL 4U7	Red Hat Enterprise Linux AS 4 Update 7 for x86/Intel EM64T		Y
5.	RHEL 4U8	Red Hat Enterprise Linux AS 4 Update 8 for x86/Intel EM64T		Y
6.	RHEL 5U3	Red Hat Enterprise Linux 5.Update 3 Server for x86/Intel EM64T RedHat Certification URL: ►		Y
7.	RHEL 5U4	Red Hat Enterprise Linux 5. Update 4 Server for x86/Intel EM64T		Y

8.	RHEL 5U5	Red Hat Enterprise Linux 5. Update 5 Server for x86/Intel EM64T		Y
9.	RHEL 5U6	Red Hat Enterprise Linux 5. Update 6 Server for x86/Intel EM64T		Y
10.	RHEL 5U7	Red Hat Enterprise Linux 5. Update 7 Server for x86/Intel EM64T		Y
11.	RHEL 6	Red Hat Enterprise Linux 6. Server for x86/Intel EM64T RedHat Certification URL: ▶		Y
12.	RHEL 6U1	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T		Y
13.	RHEL 6U2	Red Hat Enterprise Linux 6. Update 2 Server for x86/Intel EM64T		Y
14.	SLES 10.2	SUSE Linux Enterprise Server 10 Service Pack 2 for x86/Intel EM64T		Y
15.	SLES 10.3	SUSE Linux Enterprise Server 10 Service Pack 3 for x86/Intel EM64T SUSE Certification URL: ▶ and ▶		Y
16.	SLES 10.4	SUSE Linux Enterprise Server 10 Service Pack 4 for x86/Intel EM64T		Y
17.	SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T SUSE Certification URL: ▶ and ▶		Y
18.	SLES 11.2	SUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T		Y
19.	Citrix 5.6	Citrix XenServer 5.6.0 Citrix Certification URL: ▶		Y
20.	Vmware 4.1	Vmware ESX 4.1.0 Vmware Certification URL: ▶		Y
21.	Vmware 5.0	Vmware ESX 5.0.0 Vmware Certification URL: ▶		Y

22.	Oracle 5U3	Oracle Enterprise Linux 5. Update 3 Server for x86/Intel EM64T		Y
23.	RedFlag 5U3	RedFlag Linux 5. Update 3 Server for x86/Intel EM64T RedFlag Certification URL: ▶ and ▶		Y
24.	Kylin V3.0	Kylin Linux V3.0 for Intel EM64T		Y
25.	Kylin V3.1	Kylin Linux V3.1 for x86/Intel EM64T		Y
26.	Kylin V3.2	Kylin Linux V3.2 for x86/Intel EM64T		Y
27.	Ubuntu 9.10	Ubuntu 9.10 Server Edition for x86/Intel EM64T		Y
28.	Ubuntu 10.04	Ubuntu 10.04 Server Edition for x86/Intel EM64T		Y
29.	Debian 6.04	Debian 6.04 for x86/Intel EM64T		Y
30.	CentOS 5U3	CentOS Linux 5. Update 3 for x86/Intel EM64T		Y
31.	CentOS 5U4	CentOS Linux 5. Update 4 for x86/Intel EM64T		Y
32.	CentOS 5U5	CentOS Linux 5. Update 5 for x86/Intel EM64T		Y
33.	OPENSUSE 11.2	OPENSUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T		Y
34.	Solaris 10U8	Solaris 10 Update 8	See ¹	N

1. Don't support SR200 hard disk controller.

1.6 PCIe Card

No.	Part Number	Description	Remarks	For sale

1.7 Storage Device

No.	Part Number	Description	Remarks	For sale
1.	0125G03H	Huawei Symantec OceanStorTM S3900series storage		Y
2.	0125G03J	Huawei Symantec OceanStorTM S5900series storage		Y
3.	0125G004	Huawei Symantec OceanStorTM S2600series storage		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%3A9273062592#tab:generalTab
3.	Europe	RoHS	Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142835#tab:generalTab Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142815#tab:generalTab
4.	Europe	REACH	Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142794#tab:generalTab Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8801142815#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%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 : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A8613969920#tab:generalTab</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.HuaweiIDoc%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>

1.9 Peripherals

No.	Part Number	Description	Remarks	For sale
1.	06020088	DVDRE-CD 24X/DVD 8X,USB2.0,External,USB 2.0 5V power		Y
2.	06060114	USB,High Quality Keyboard&Mouse,Optional Accessory for ThinClient		Y

1.10 Power Supply

No.	Part Number	Description	Remarks	For sale
1.	02270092	DC/DC Power Module 1300W -36V- -60V +12V/108.5A 90.0%		Y
2.	02130876	AC/DC Power Module 1600W 90V-264V +12V/131.6A 90.0%		Y