



# Huawei Tecal BH640 V2 Server Compatibility List

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

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# 1 Huawei Tecal BH640 V2 Server

## 1.1 Processor

| No. | Part Number | Description   | Remarks | For sale |
|-----|-------------|---|---------|----------|
| 1   | 41020225    | Intel Xeon Processor E5-4610 V2 Sandy Bridge- 6 Core – 2.4GHz - Smart Cache 15M -1333MHz- 95W   |         | Y        |
| 2.  | 41020347    | Intel Xeon Processor E5-4650 V2 Sandy Bridge- 8 Core – 2.7GHz - Smart Cache 20M – 1600MHz-130W  |         | Y        |
| 3.  | 41020348    | Intel Xeon Processor E5-4640 V2 Sandy Bridge- 8 Core – 2.4GHz - Smart Cache 20M -1600MHz- 95W   |         | Y        |
| 4.  | 41020349    | Intel Xeon Processor E5-4620 V2 Sandy Bridge- 6 Core – 2.2GHz - Smart Cache 16M -1333MHz- 95W   |         | Y        |
| 5.  | 41020350    | Intel Xeon Processor E5-4607 V2 Sandy Bridge- 4 Core – 2.2GHz - Smart Cache 12M – 1066MHz-95W   |         | Y        |
| 6.  | 41020351    | Intel Xeon Processor E5-4603 V2 Sandy Bridge- 4 Core – 2.0GHz - Smart Cache 10M -1066MHz- 95W   |         | Y        |
| 7.  | 41020352    | Intel Xeon Processor E5-4650L V2 Sandy Bridge- 8 Core – 2.6GHz - Smart Cache 20M – 1600MHz-115W |         | Y        |
| 8.  | 41020353    | Intel Xeon Processor E5-4617 V2 Sandy Bridge- 6 Core – 2.9GHz - Smart Cache 15M -1066MHz-130W   |         | Y        |

## 1.2 DIMM

| No. | Part Number | Description | Remarks | For sale |
|-----|-------------|-------------|---------|----------|
|-----|-------------|-------------|---------|----------|

|    |          |  |  |   |
|----|----------|--|--|---|
| 1. | 06200110 | DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V<br>1333-Height 30mm  |  | Y |
| 2. | 06200111 | DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V<br>1333-Height 30mm  |  | Y |
| 3. | 06200107 | DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V<br>1333-Height 30mm |  | Y |
| 4. | 06200121 | DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V<br>1600-Height 30mm     |  | Y |
| 5  | 06200139 | DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.5V<br>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<br>6G - RAID0 / RAID1 / RAID10/ RAID1E |         | Y        |

### 1.4 MEZZ Card

| No. | Part Number | Description   | Remarks            | For sale |
|-----|-------------|---|--------------------|----------|
| 1.  | 98080448    | MU220 Server FC Controller- FC 8G                             |                    | Y        |
| 2.  | 03021GUV    | MU221 Server FC Controller- FC 2G                             |                    | N        |
| 3.  | 03021GBH    | Tecal E6000,BC01QGMA,GE Module MEZZ<br>Card,Board ID 0X15,2*2 | Refer to<br>Note 1 | Y        |

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

Note 2: for sale"N"——> for sale"Y", and there is MKT requirement, usually,it spends 3 months.

### 1.5 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.  | 02310KSX | MLC -2.5' SATA 3Gbps -160GB SSD          |  | Y |
| 9.  | 02310LTB | MLC -2.5' SATA 3Gbps -300GB SSD          |  | Y |
| 10. | 0231MMS  | MLC -2.5' SATA 3Gbps -600GB SSD          |  | Y |
| 11. | 02310MLB | 7200 RPM - 2.5' NL SAS 6Gbps -1000GB HDD |  | Y |

## 1.6 OS

| No. | Model              | Description  | Remarks | For sale |
|-----|--------------------|--|---------|----------|
| 1   | Windows2008 SP2    | Microsoft Windows Server 2008 SP2 32bit<br>Microsoft Certification URL: <a href="#">▶</a>                      |         | Y        |
| 2   | Windows2008 R2 SP1 | Microsoft Windows Server 2008 R2 SP1 64bit<br>Microsoft Certification URL: <a href="#">▶</a>                   |         | Y        |
| 3   | RHEL 6U1           | Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T<br>RedHat Certification URL: <a href="#">▶</a> |         | 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  |         | Y        |
| 6   | Oracle VM 3.0.2    | Oracle Server VM 3.0.2   |         | Y        |

|   |            |                        |  |   |
|---|------------|------------------------|--|---|
| 7 | Citrix 6.0 | Citrix XenServer 6.0.0 |  | Y |
|---|------------|------------------------|--|---|

### 1.7 PCIe Card

| No. | Part Number | Description | Remarks | For sale |
|-----|-------------|-------------|---------|----------|
|     |             |             |         |          |

Note: BH640 V2 not support PCIE Card.

### 1.8 Storage Device

| No. | Part Number | Description  | Remarks                       | For sale |
|-----|-------------|--|-------------------------------|----------|
| 1.  | 0125G03H    | OceanStor™ S3900series storage<br><i>Storage Compatibility List URL:</i> ▶ | HBA:<br>99080448,<br>03021GUV | Y        |

### 1.9 Certification

| No. | Country/Region | Certification | Remarks  |
|-----|----------------|---------------|--|
| 1   | China          | RoHS          | Default  |
| 2   | Europe         | WEEE          | Certificate: N/A<br>Report<br>: <a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9273062592#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9273062592#tab:generalTab</a>  |
| 3   | Europe         | CE            | Certificate<br>: <a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7804843463#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7804843463#tab:generalTab</a><br><b>Report(including 2 parts:EMC and Safety)</b><br>For EMC:<br><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab</a><br>For Safety:<br><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9865094544#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9865094544#tab:generalTab</a> |

|   |           |        |  |
|---|-----------|--------|--|
| 4 | Australia | C-tick | <p>Certificate:</p> <p><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A10042015299#">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A10042015299#</a></p> <p>Report :<br/><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab</a></p>   |
| 5 | America   | FCC    | <p>Certificate :<br/><a href="http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9731068078&amp;action=ObjProps">http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9731068078&amp;action=ObjProps</a></p> <p>Report :<br/><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819323#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819323#tab:generalTab</a></p>   |
| 6 | Canada    | IC     | <p>Certificate :<br/><a href="http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9731146660&amp;action=ObjProps">http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9731146660&amp;action=ObjProps</a></p> <p>Report :<br/><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819323#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819323#tab:generalTab</a></p>   |
| 7 | Japan     | VCCI   | <p>Certificate :<br/><a href="http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9685868491&amp;action=ObjProps">http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9685868491&amp;action=ObjProps</a></p> <p>Report :<br/><a href="http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab">http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9727819203#tab:generalTab</a></p>   |
| 8 | Nigeria   | SONCAP | <p>Certificate :<br/><a href="http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9918136574&amp;action=ObjProps">http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A9918136574&amp;action=ObjProps</a></p> <p>Report : ( The same as <i>Safety CE Report</i> )<br/><a href="http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A6967562503&amp;action=ObjProps">http://pdm.huawei.com/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?u8&amp;oid=OR%3Awt.doc.WTDocumentMaster%3A6967562503&amp;action=ObjProps</a></p> |

### 1.10 Peripherals

| No. | Part Number | Description  | Remarks | For sale |
|-----|-------------|--|---------|----------|
| 1.  | 06020088    | DVDRE-CD24X/DVD<br>8X,USB2.0,External,USB 2.0 5V power |         | Y        |

### 1.11 Power Supply

| No. | Part Number | Description   | Remarks | For sale |
|-----|-------------|---|---------|----------|
| 1.  | 02130876    | AC/DC Power Module 1600W 90V-264V/10A<br>+12V/131.6A 90.0% Gold |         | Y        |