



Huawei Tecal RH1285 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. |

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1 Huawei Tecal RH1285 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 | | Y |
| 2. | 41020174 | Intel Xeon Processor E5506 Nehalem - 4 Core - 2.13GHz - QPI 4.80GT/s - L3 Cache 4MB - 80W | | Y |
| 3. | 41020205 | Intel Xeon Processor E5507 Nehalem - 4 Core - 2.26GHz - QPI 4.80GT/s - L3 Cache 4MB - 80W | | Y |
| 4. | 41020175 | Intel Xeon Processor E5520 Nehalem - 4 Core - 2.26GHz - QPI 5.86GT/s - L3 Cache 8MB - 80W | | Y |
| 5. | 41020187 | Intel Xeon Processor E5530 Nehalem - 4 Core - 2.40GHz - QPI 5.86GT/s - L3 Cache 8MB - 80W | | Y |
| 6. | 41020178 | Intel Xeon Processor E5540 Nehalem - 4 Core - 2.53GHz - QPI 5.86GT/s - L3 Cache 8MB - 80W | | Y |
| 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 | | Y |
| 14. | 41020189 | Intel Xeon Processor X5570 Nehalem - 4 Core - 2.93GHz - QPI 6.40GT/s - L3 Cache 8MB - 95W | | Y |
| 15. | 41020201 | Intel Xeon Processor X5650 Westmere - 6 Core - 2.66GHz - QPI 6.40GT/s - L3 Cache 12MB - 95W | | Y |
| 16. | 41020199 | Intel Xeon Processor X5670 Westmere - 6 Core - 2.93GHz - QPI 6.40GT/s - L3 Cache 12MB - 95W | | Y |
| 17. | 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 1333-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. | 03020PLF | SR100 Server Raid Controller- SAS 3G/SATA 3G - RAID0 / RAID1 / RAID1E | | Y |
| 2. | 03021GCE | SR201 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. | 06210132 | 15000 RPM - 3.5' SAS 6Gbps -300GB HDD | | Y |
| 2. | 06210147 | 15000 RPM - 3.5' SAS 6Gbps - 600GB HDD | | Y |
| 3. | 06210123 | 7200 RPM - 3.5' SATA 3Gbps -500GB HDD | | Y |
| 4. | 06210160 | 7200 RPM - 3.5' SATA 6Gbps -500GB HDD | | Y |
| 5. | 06210131 | 7200 RPM - 3.5' SATA 3Gbps -1000GB HDD | | Y |
| 6. | 06210158 | 7200 RPM - 3.5' SATA 6Gbps -1000GB HDD | | Y |
| 7. | 06210143 | 7200 RPM - 3.5' SATA 3Gbps -2000GB HDD | | Y |
| 8. | 06210159 | 7200 RPM - 3.5' SATA 6Gbps -2000GB HDD | | Y |

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 | | 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 6 | Red Hat Enterprise Linux 6. Server for x86/Intel EM64T | | Y |
| 11. | RHEL 6U1 | Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T | | Y |
| 12. | SLES 10.3 | SUSE Linux Enterprise Server 10 Service Pack 3 for x86/Intel EM64T | | Y |

| | | | | |
|-----|--------------|--|------------------|---|
| 13. | SLES 10.4 | SUSE Linux Enterprise Server 10 Service Pack 4 for x86/Intel EM64T | | Y |
| 14. | SLES 11.1 | SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T | | Y |
| 15. | Citrix 5.6 | Citrix XenServer 5.6.0 Citrix Certification URL: ▶ | | Y |
| 16. | Vmware 4.1 | Vmware ESX 4.1.0 Vmware Certification URL: ▶ | | Y |
| 17. | Vmware 5.0 | Vmware ESX 5.0.0 | | Y |
| 18. | Oracle 5U4 | Oracle Enterprise Linux 5. Update 4 Server for x86/Intel EM64T | | Y |
| 19. | Ubuntu 9.10 | Ubuntu 9.10 Server Edition for x86/Intel EM64T | | Y |
| 20. | Ubuntu 10.04 | Ubuntu 10.04 Server Edition for x86/Intel EM64T | | Y |
| 21. | CentOS 5U3 | CentOS Linux 5. Update 3 for x86/Intel EM64T | | Y |
| 22. | CentOS 5U4 | CentOS Linux 5. Update 4 for x86/Intel EM64T | | Y |
| 23. | CentOS 5U5 | CentOS Linux 5. Update 5 for x86/Intel EM64T | | Y |
| 24. | Solaris 10U8 | Solaris 10 Update 8 | See ¹ | Y |

1. Don't support SR200 hard disk controller

1.6 PCIe Card

| No. | Part Number | Description | Remarks | For sale |
|-----|-------------|---|---------|----------|
| 1. | 06030221 | Single Port 8Gbps Fibre Channel Host Bus Adapter PCIE 2.0 x8 multi-mode optic | | Y |
| 2. | 06030220 | Dual Port 8Gbps Fibre Channel Host Bus Adapter PCIE 2.0 x8 multi-mode optic | | Y |

| | | | | |
|----|----------|---|--|---|
| 3. | 06310025 | Quad port Gigabit Ethernet Card RJ45 Copper PCIE 2.0 X4-8086-150E-4 | | Y |
| 4. | 06310026 | Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic,PCIE 2.0 X8-8086-10FB-2 | | Y |
| 5. | 03030NQC | The 3rd Generation PCIE SSD Card 640GB 25nm PCIE 1.1 X8 | | Y |

1.7 Storage Device

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

1.8 Certification

| No. | Country/Region | Certification | Remarks |
|-----|----------------|---------------|--|
| 1 | China | RoHS | Default |
| 2 | Europe | WEEE | Default |
| 3 | America | MET | <p>Certificate : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7812828369#tab:generalTab</p> <p>Report : http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7812914190#tab:generalTab</p> |

| | | | |
|---|--------|------|---|
| 4 | TAIWAN | BSMI | <p>Certificate :</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9011003765#tab:generalTab</p> <p>Report: (including 2 parts:EMC and Safety)</p> <p>For EMC :</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9011003786#tab:generalTab</p> <p>For Safety :</p> <p>http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A9011143906#tab:generalTab</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. | 98080310 | AC/DC Power Module 750W 100V-240V +12V/62.5A 92.0% | | Y |