Huawei Tecal RH2285 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
⚠ 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

1 Huawei Tecal RH2285 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.	41020189	Intel Xeon Processor X5570 Nehalem - 4 Core - 2.93GHz - QPI 6.40GT/s - L3 Cache 8MB - 95W	EOM	N
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

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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
3.	03021GCF	SR301 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.	06210186	7200 RPM - 2.5' NL SAS 6Gbps - 1000GB HDD		Y
5.	06210157	7200 RPM - 2.5' SATA 6Gbps - 500GB HDD		Y
6.	06210169	7200 RPM - 2.5' SATA 6Gbps - 1000GB HDD		Y

7.	06210151	MLC - 2.5' SATA 3Gbps -160GB SSD		Y
8.	06210163	MLC - 2.5' SATA 3Gbps -300GB SSD		Y
9.	06210168	MLC - 2.5' SATA 3Gbps -600GB SSD		Y
10.	06210132	15000 RPM - 3.5' SAS 6Gbps -300GB HDD		Y
11.	06210147	15000 RPM - 3.5' SAS 6Gbps - 600GB HDD		Y
12.	06210182	7200 RPM - 3.5' NL SAS 6Gbps - 2000GB HDD		Y
13.	06210183	7200 RPM - 3.5' NL SAS 6Gbps - 1000GB HDD		Y
14.	06210184	7200 RPM - 3.5' NL SAS 6Gbps - 3000GB HDD		Y
15.	06210123	7200 RPM - 3.5' SATA 3Gbps -500GB HDD		Y
16.	06210160	7200 RPM - 3.5' SATA 6Gbps - 500GB HDD		Y
17.	06210131	7200 RPM - 3.5' SATA 3Gbps -1000GB HDD		Y
18.	06210158	7200 RPM - 3.5' SATA 6Gbps -1000GB HDD		Y
19.	06210143	7200 RPM - 3.5' SATA 3Gbps - 2000GB HDD		Y
20.	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 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 6	Red Hat Enterprise Linux 6. Server for x86/Intel EM64T RedHat Certification URL: ▸		Y
11.	RHEL 6U1	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T		Y
12.	RHEL 6U2	Red Hat Enterprise Linux 6. Update 2 Server for x86/Intel EM64T		Y
13.	SLES 10.2	SUSE Linux Enterprise Server 10 Service Pack 2 for x86/Intel EM64T		Y
14.	SLES 10.3	SUSE Linux Enterprise Server 10 Service Pack 3 for x86/Intel EM64T SUSE Certification URL: ▸ and ▸		Y
15.	SLES 10.4	SUSE Linux Enterprise Server 10 Service Pack 4 for x86/Intel EM64T		Y

16.	SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T SUSE Certification URL: ▸ and ▸		Y
17.	SLES 11.2	SUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T		Y
18.	Citrix 5.6	Citrix XenServer 5.6.0 Citrix Certification URL: ▸		Y
19.	Vmware 4.1	Vmware ESX 4.1.0 Vmware Certification URL: ▸		Y
20.	Vmware 5.0	Vmware ESX 5.0.0 Vmware Certification URL: ▸		Y
21.	Oracle 5U3	Oracle Enterprise Linux 5. Update 3 Server for x86/Intel EM64T		Y
22.	Oracle 5U4	Oracle Enterprise Linux 5. Update 4 Server for x86/Intel EM64T Oracle Certification URL: ▸		Y
23.	Kylin V3.0	Kylin Linux V3.0 for Intel EM64T		Y
24.	Kylin V3.2	Kylin Linux V3.2 for x86/Intel EM64T		Y
25.	NeoKylin v5.0	NeoKylin Linux Security OS V5.0 for x86/Intel EM64T NeoKylin Certification URL: ▸		Y
26.	NeoKylin v5.6	NeoKylin Linux Advanced Server V5.0Update6 for x86/Intel EM64T NeoKylin Certification URL: ▸		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.	Ubuntu 11.10	Ubuntu 11.10 Server Edition for x86/Intel EM64T		Y

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No.		Description		For sale
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.	Solaris 10U8	Solaris 10 Update 8	See [1]	Y
34.	Solaris 10U9	Solaris 10 Update 9		Y
35.	Fedora 12	Fedora 12 for x86/Intel EM64T		Y
36.	Fedora 13	Fedora 13 for x86/Intel EM64T		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	China	CEC	Certificate ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A6784902453#tab:generalTab
3	China	CCC	Certificate： AC ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A6698232983#tab:generalTab DC ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7389699277#tab:generalTab Report： AC ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A6698232983#tab:generalTab DC ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7389699277#tab:generalTab
4	Europe	WEEE	Default
5	America	MET	Certificate： N/A Report ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A7280429433#tab:generalTab

| 6 | Australia | C-tick | Certificate ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A6461396568#tab:generalTab |
| | | | Report ： http://pdm.huawei.com/Windchill/navigator/html/ext/huawei/documents/huaweiview.html?oid=VR%3Aext.huawei.huaweidoc.HuaweiDoc%3A6461396547#tab:generalTab |

1.9 Peripherals

No.	Part Number	Description	Remarks	For sale
1.	06020088	DVDRW-CD 24X/DVD 8X,USB2.0,External,USB 2.0 5V power		Y
2.	06020085	DVDRW-CD 24X/DVD 8X, Embeded,SATA,5V POWER		Y

1.10 Power Supply

No.	Part Number	Description	Remarks	For sale
1.	02130957	AC/DC Power Module 460W 90V-264V +12V/38A 94.0%		Y
2.	02270098	DC/DC Power Module 580W 11.4V- 12.6V +12V/48A 98.0%	Only for china	Y
3.	98080310	AC/DC Power Module 750W 100V-240V +12V/62.5A 92.0%		Y
4.	02270113	DC/DC Power Module 824W -38V- -75V +12V/65A 93.5%		Y