



Huawei Tecal RH2268 V2

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://enterprise.huawei.com>

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1 Recommended OS

Model	Description	Remarks
Windows2008 SP2	Microsoft Windows Server 2008 SP2 32bit	See ² , See ³
Windows2008 R2 SP1	Microsoft Windows Server 2008 R2 SP1 64bit	See ² , See ³
Windows 2012	Microsoft Windows Server 2012 64bit	See ³
RHEL 5U7	Red Hat Enterprise Linux 5 Update 7 Server for x86/Intel EM64T	See ³
RHEL 5U8	Red Hat Enterprise Linux 5 Update 8 Server for x86/Intel EM64T	See ³
RHEL 5U9	Red Hat Enterprise Linux 5 Update 9 Server for x86/Intel EM64T	See ³
RHEL 6U1	Red Hat Enterprise Linux 6 Update 1 Server for x86/Intel EM64T Redhat Certification URL: ?	See ² , See ³
RHEL 6U4	Red Hat Enterprise Linux 6 Update 4 Server for x86/Intel EM64T	See ³
SLES 10.4	SUSE Linux Enterprise Server 10 Service Pack 4 for x86/Intel EM64T	See ² , See ³
SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T Suse Certification URL: ? and ?	See ² , See ³
SLES 11.2	SUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T Suse Certification URL: ? and ?	See ³
Oracle 6.1	Oracle Enterprise Linux 6.1 Server X86_64 Oracle Certification URL: ?	See ³ , See ⁴

Model	Description	Remarks
Solaris 10u10	Solaris 10 update 10	See ¹
Debian 6.0.5	Debian 6.0.5 for x86/Intel EM64T	See ³
Kylin V3.0	Kylin Linux V3.0 for AMD64/Intel EM64T	See ³
Kylin V3.2	Kylin Linux V3.2 for AMD64/Intel EM64T	See ³
CentOS 5U7	CentOS Linux 5 Update 7 for x86/Intel EM64T	See ³
CentOS 6U2	CentOS Linux 6 Update 2 for x86/Intel EM64T	See ³
CentOS 6U4	CentOS Linux 6 Update 4 for x86/Intel EM64T	See ³
RedFlag Asianux4.2	RedFlag Asianux 4 update 2 for x86/Intel EM64T with documentary certificate	See ³
Ubuntu 12.0.4 LTS	Ubuntu 12.0.4 LTS Server Edition for x86/Intel EM64T	See ³

1. Use the CD/DVD-ROM for installation.
2. Use the Service CD V2.01 or later for installation(Download URL:?).
3. Use the CD/DVD-ROM or ISO image file for installation.
4. Install the OS by referring to the Tecal Server OS Installation Guide.

2 Recommended OS Part Number

Part Number	Description	Remarks
05200154	Windows Server 2008R2 Chinese Edition, Standard (1-4CPU, 5CAL) - Generic OEM COA Lic, 64bit, No DVD, With EULA- No Doc, Without Product Services	
05200132	Windows Server 2008 R2,English Version,Ent, 64bit,WinSvr2008 R2 Ent OEM COA Lic,25CAL,Win Svr 2008 R2 Ent DVD,With EULA,No Doc,Without Product Services	
05200127	Windows Server 2008 R2,Chinese,Ent,25CAL, 64bit,WinSvr2008 R2 Ent OEM COA Lic,Win Svr 2008 R2 Ent CD,No Doc,Without Product Services	
05200176	Windows Server 2012, Chinese Edition,Standard edition,General OEM,x86,64bit,COA Lic,2 physical processors,2 virtual instances,No Doc, Without Product Services	
05200177	Windows Server 2012, English Edition,Standard edition,General OEM,x86,64bit,COA Lic,2 physical processors,2 virtual instances,No Doc, Without Product Services	
05200187	Windows Server 2012,Standard edition,General OEM,Client Access License (CAL),x86,64bit,Paper license,No Doc, Without Product Services	
05200188	Windows Server 2012,Standard edition,General OEM,2 physical processors-2 virtual instances-Additional License,x86,64bit,Paper License,,No Doc, Without Product Services	

Part Number	Description	Remarks
05200313	Operating System Software-Windows Server 2012-English Version-General OEM-x86-64bit-COA Lic-2 physical processors-unlimited virtual instances-No Doc-Without Product Service	
05200314	Operating System Software-Windows Server 2012-Datacenter-2 physical processors-unlimited virtual instances-Additional License-x86-64bit-No Doc-Without product service	
05200159	Novell SuSE Linux Enterprise Server 10.0,Multi-language,Paper License,for x86 32/64bits, Media Kit(64bit) 1DVD,English Doc.,1 Yr 7*24 Product Services,For PC Server,Limited in 8 CPUs	
05200070	Novell SuSE Linux Enterprise Server 10.0,Multi-language,Paper License,for x86 32/64bits,MediaKit 1DVD,English Doc.,1 Yr 7*24 Product Services,Limited in 8 CPUs	
05200066	Novell SuSE Linux Enterprise Server,Multi-language,V10.0,Paper License,Limited in 8 CPUs,for x86,32/64 bits,1 Original DVD,English Doc.,1 Yr 5*8 Product Services	
05200140	Novell SuSE Linux Enterprise Server 11.0,Multi-language,Paper License,for x86 32/64bits, Media Kit(64bit) 1DVD,English Doc.,1 Yr 7*24 Product Services,Limited in 8 CPUs /8 Blades	
05200141	Novell SuSE Linux Enterprise Server 11.0,Multi-language,Enterprise Version,Paper License,for x86 32/64bits, Media Kit(64bit)1 DVD,English Doc.,1 Yr 5*8 Product Services,Limited in 8 CPUs /8 Blades	
05200361	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1year 7*24 service,2CPU-up to 1 guest	
05200360	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3year 7*24 service,2CPU-up to 1 guest	
05200357	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1year 5*8 service,2CPU-up to 1 guest	
05200356	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3year 5*8 service,2CPU-up to 1 guest	

Part Number	Description	Remarks
05200353	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1year 7*24 service,2CPU,include HA-up to 1 guest	
05200352	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3year 7*24 service,2CPU,include HA-up to 1 guest	
05200349	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,1 year 5*8 service,2CPU,include HA-up to 1 guest	
05200348	Operating System Software,English Version,Server Version, 64bit,No Document,RHEL6.1system DVD,English Document,3 year 5*8 service,2CPU,include HA-up to 1 guest	

3 Recommended Virtualization software

Model	Description	Remarks
Windows 2012 Hyper-V	Windows 2012 Hyper-V Windows Certification URL:?	See ³
RHEL 6.1 KVM	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T Redhat Certification URL: ?	See ²
Oracle VM 3.0.2	Oracle Server VM 3.0.2 Oracle Certification URL:?	See ³
Citrix 6.0	Citrix XenServer 6.0.0	See ³
Vmware 4.1	Vmware ESX 4.1 update2	See ³
Vmware 4.1	Vmware ESXi 4.1 update2	See ⁴
Vmware 5.0	Vmware ESXi 5.0.0	See ⁴ , See ⁵
Vmware 5.1	Vmware ESXi 5.1.0	See ⁴ , See ⁵
Huawei FusionCompute	GalaX8800V1R2C01	See ³
Huawei FusionCompute	GalaxEngineV1R2C02	See ³
Huawei FusionCompute	FusionCompute V100R003C00	See ³

1. Use the CD/DVD-ROM for installation.
2. Use the Service CD V2.01 or later for installation.
3. Use the CD/DVD-ROM or ISO image file for installation.
4. Install the OS by referring to the Tecal Server OS Installation Guide.
5. Use the custom ISO image for installation , please contact huawei technical support to get it.

4 CPUs supported OS

About This Chapter

Notes: Please choose the OS version by referring to the following statements from the OS vendors.

[4.1 Windows](#)

[4.2 Vmware](#)

[4.3 Suse](#)

[4.4 RedHat](#)

[4.5 Citirx](#)

4.1 Windows

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-26XX Series	Windows server 2008 Windows server 2012	

4.2 Vmware

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-26XX Series	ESXi 5.1,5.0U2,5.0U1,5.0 ESXi Installable 4.1U3,4.1U2,4.1U1,4.1 ESX 4.1U3,4.1U2,4.1U1,4.1	

4.3 Suse

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-26XX Series	SLES10 SP4 SLES11 SP1,SLES11 SP2	

4.4 RedHat

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-26XX Series	RHEL 5.7 or later RHEL 6.1 or later	

4.5 Citirx

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-26XX Series	Citrix XenServer 6.0.0 Citrix XenServer 6.0.2 Citrix XenServer 6.1.0	

5 PCIE-FC HBA Card

Part Number	Vendor	Model	Description	OS	Storage	Switch	Driver	Remarks
06030220	Qlogic	QLE2562	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List</i> <i>URL: ?</i>			URL: ?	with SFP+ Optics itself See ¹
06030221	Qlogic	QLE2560	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List</i> <i>URL: ?</i>			URL: ?	with SFP+ Optics itself See ¹
06030217	Emulex	LPE12002	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 1.0 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List</i> <i>URL: ?</i>			URL: ?	with SFP+ Optics itself See ¹
06030216	Emulex	LPE12000	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 1.0 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List</i> <i>URL: ?</i>			URL: ?	with SFP+ Optics itself See ¹

6 PCIE-CNA Card

Part Number	Vendor	Model	Description	OS	Storage	Switch	Driver	Remarks
06030223	Emulex	OCe11102-FM	Dual Port 10Gbps FCoE Host Bus Adapter Card -PCIE 2.0 -multi-mode optic - Half-height half-length	<i>Compatibility List</i> <i>URL: ?</i>			URL: ?	with SFP+ Optics itself See ¹

7 PCIe-InfiniBand Card

Part Number	Vendor	Model	Description	OS	Driver	Switch	Driver	Remarks
06030246	Mellanox	MCX353A-QCBT	Single Port Adapter, 40Gb/s Infiniband, PCIE 3.0 X8 Half-height	OS Compatibility List URL: ?			URL: ?	See ¹ See ²

1. The drivers are provided by original vendors.
2. Made in Israel, Can not be sold to LAS

8 PCIE-SAS HBA Card

Note: PCIE-SAS HBA Card is not supported for RH2268 V2.

9 PCIE-Network card

Part Number	Vendor	Model of card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP+ Optics	Remarks
06310023	Intel	E1G42ET	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See ¹
06310025	Intel	E1G44HT (I340-T4)	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See ¹
06310024	Intel	E10G42BTDA	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP + Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	URL:?	04050233; 04050185; 04050186		See ¹
06310026	Intel	E10G42BFSR	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	URL:?			with SFP+ Optics itself See ¹

Part Number	Vendor	Model of card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP+ Optics	Remarks
06310038	Silicom	PEG2I6	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See ¹
06310039	Silicom	PE210G2SPI9-XR	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP + Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length	URL:?	04050233; 04050185; 04050186	34060494	See ¹
06310040	Silicom	PE2G4I80L	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See ¹
06310041	Silicom	PE210G2SPI9	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length	URL:?			with SFP+ Optics itself See ¹
06310042	Silicom	PEG4FI	82571	Quad Port Gigabit Ethernet Card, LC Fiber Optic,PCIE1.0 X4 -Half-height half-length	URL:?			with SFP+ Optics itself See ¹
03030PWD	Huawei	SP310	82599	Dual Port 10 Gigabit Ethernet Card, XFP/SFP +,PCIE 2.0 X8 -Half-height half-length	URL:?	04050233; 04050185; 04050186	34060494	See ¹

Part Number	Vendor	Model of card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP+ Optics	Remarks
06310058	Intel	I350F2G1P20914215	I350	Dual Port Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X4 -Half-height half-length	URL:?			with SFP+ Optics itself See ¹
06310068	Mellanox	MCX312A-XCBT	CX312A	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic,PCIE 3.0 X8 -Half-height half-length				with SFP+ Optics itself See ¹ , See ²
06310067	Silicom	PE210G2i40E-T-HU	X540	Dual Port 10 Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X8 -Half-height half-length	URL:?			RJ45 copper See ¹ , See ²

1. The drivers are provided by original vendors.

2. Cannot get it from Unista

10 PCIE-SSD Card

Part Number	Vendor of SSD card	Model of SSD card	Description	OS	Driver	Remarks
03030N QC	Huawei	Tecal ES2000	The 3rd Generation PCIE SSD Card 640GB 25nm PCIE 1.1 X8	vmware5.1、win2008r2 x64、SLES11 SP2 X64	URL: ?	
02310N HE	Huawei	Tecal ES3000	Function Module,Tecal ES3000,CN2M01SS DD 800GB	vmware5.1、win2008r2 x64、SLES11 SP2 X64	URL: ?	
02310N HB	Huawei	Tecal ES3000	Function Module,Tecal ES3000,CN2M01SS DD 1.2TB	vmware5.1、win2008r2 x64、SLES11 SP2 X64	URL: ?	
02310N HD	Huawei	Tecal ES3000	Function Module,Tecal ES3000,CN2M01SS DD,2.4TB	vmware5.1、win2008r2 x64、SLES11 SP2 X64	URL: ?	

11 PCIE-GPU Card

Part Number	Vendor of GPU card	model of GPU card	Description	OS	Driver	Remarks
06320041	Nvidia	NVS300 (NVS300X16-PB)	Video Card,GPU Card,512MB DDR3,64bit, 12.6GB/sec;PCIex16, 15.1W,Passive Cooling, Low profile, 2.731"(H) x 5.7"(L)	Kylin Linux V3.2 for Intel EM64T 64bit; Solaris 10 update 9 32bit; Ubuntu V10.04.3 for Intel EM64T;	URL: ?	See ¹ See ²
06320030	Nvidia	NVS300 (NVS300X1-PB)	Video Card,GPU Card,NVS300X1-PB,512MB DDR3,64bit, 12.6GB/sec;PCIex1, 15.1W,Passive Cooling, Low profile, 2.731"(H) x 5.7"(L)	Kylin Linux V3.2 for Intel EM64T 64bit; Solaris 10 update 9 32bit; Ubuntu V10.04.3 for Intel EM64T;	URL: ?	See ¹ See ³

Part Number	Vendor of GPU card	model of GPU card	Description	OS	Driver	Remarks
06320031	Nvidia	Quadro 2000	Video Card,GPU card,1GB memory, 41.6 GB/s Bandwidth,x16-10DE -0DD8,PCIE 2.0 ,Active Cooling, 4.376(H) x 7.00 (L)	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T; Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T; Microsoft Windows Server 2008 SP2 32bit; Microsoft Windows Server 2008 R2 SP1 64bit;	URL: ?	See ¹

1. The drivers are provided by original vendors.
2. For X16 PCIE Slot only.
3. For X8 or X16 PCIE Slot.

12 Network/FC MEZZ Card

Note: Network/FC MEZZ Card is not supported for RH2268 V2.

13 FCOE MEZZ Card

Part Number	Vendor of FCOE MEZZ card	Model of FCOE MEZZ Card	Model of Chip	Description	OS	Remarks

14 Embeded FC SW

Note: Embeded FC SW is not supported for RH2268 V2.

15 Application software

Type of Software	Software	CPU	OS	Remarks
SAP Linux	ERP2005S R1	1-2 Intel® Xeon™ processors All types are supported	Red Hat Enterprise Linux SUSE Linux Enterprise Server	Detail URL: ?

16 Database

Vendor of Software	Software	OS	Storage	Remarks
Oracle	Oracle Database 11g Release 2 (11.2.0.3)	Oracle Linux 6 Update 3 x86_64	Huawei Dorado2100 G2	
Microsoft	SQL Server 2012	Microsoft Windows Server 2008 R2 SP1 Enterprise Edition		

17 Management Software

Vendor of Software	Software	OS	Server	Remarks
Microsoft	Microsoft System Center Operation manager 2007 Microsoft System Center URL: ?			
Microsoft	Microsoft System Center Operation manager 2012			
Microsoft	Microsoft System Center Operation manager 2012 SP1			

18 Application Server Reference Architecture

Category	Application	Description	Recommended Server	Remarks
Basic applications	Active Directory (AD) application	Customers can integrate the AD application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	Dynamic Host Configuration Protocol (DHCP) application	Customers can integrate the DHCP application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	Domain name service (DNS) application	Customers can integrate the DNS application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	File sharing application	Customers can integrate the file sharing application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	

Category	Application	Description	Recommended Server	Remarks
	Internet Information Services (IIS) web application	Customers can integrate the IIS web application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	Proxy application	Customers can integrate the proxy application in Microsoft Windows with Huawei servers to implement an enterprise IT infrastructure function.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2	
	High availability (HA) cluster application	Customers can use the cluster function in Microsoft Windows or RedHat Linux to deploy HA clusters.	Huawei RH2285 V2 Huawei XH311 V2 Huawei E6000-BH620 V2 Huawei E6000-BH622 V2	
Enterprise applications	Enterprise office automation (OA) application	Customers can use OA software from Chinese mainstream vendors (such as Landray and Yonyou) to build enterprise OA applications. Huawei can provide suggestions for server configuration.	Huawei RH2285 V2	
	Enterprise Resource Planning (ERP) application	Customers can use ERP software from Chinese mainstream vendors (such as Yonyou and Kingdee) to build ERP applications. Huawei can provide suggestions for server configuration.	Huawei RH2285 V2	
	Enterprise email application	Customers can use Microsoft Exchange enterprise email suite to build enterprise email applications. Huawei can provide suggestions for server configuration and a complete solution.	Huawei RH2285 V2 Huawei E6000-BH620 V2	

Category	Application	Description	Recommended Server	Remarks
Virtualization applications	VMware xCube desktop virtualization application	Customers can use VMware vSphere and vCenter to build the virtual desktop infrastructure (VDI) application, which serves 1000 lightweight users.	Huawei E9000-CH121	
	VMware enterprise portal SharePoint application	Customers can use VMware vSphere and vCenter and Microsoft SharePoint to build enterprise portal applications. Huawei can provide a solution proposal and suggestions for server configuration.	Huawei RH2288 V2	
	VMware SQL Server HA application	Customers can use VMware vSphere and vCenter and Microsoft SQL Server to build database HA applications. Huawei can provide a solution proposal and suggestions for server configuration.	Huawei RH2288 V2	
	Citrix VDS desktop virtualization application	Customers can use Citrix XenApp and XenDesktop to build the VDI application, which serves 1000 to 5000 middleweight users.	Huawei E6000-BH622 V2	

19 Processor

Part Number	Description	Remarks
41020278	Intel Xeon Processor E5-2603 SandyBridge-EP - 4 Core - 1.8GHz - QPI 6.4GT/s - L3 Cache 10M – 1066MHz-80W	
41020279	Intel Xeon Processor E5-2609 SandyBridge-EP - 4 Core - 2.4GHz - QPI 6.4GT/s - L3 Cache 10M -1066MHz-80W	
41020222	Intel Xeon Processor E5-2620 SandyBridge-EP - 6 Core - 2.0GHz - QPI 7.2GT/s - L3 Cache 15M -1333MHz- 95W	
41020274	Intel Xeon Processor E5-2630 SandyBridge-EP - 6 Core - 2.3GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
41020275	Intel Xeon Processor E5-2640 SandyBridge-EP - 6 Core - 2.5GHz - QPI 7.2GT/s - L3 Cache 15M – 1333MHz-95W	
41020281	Intel Xeon Processor E5-2643 SandyBridge-EP - 4 Core - 3.3GHz - QPI 8.0GT/s - L3 Cache 10M – 1600MHz-130W	
41020276	Intel Xeon Processor E5-2650 SandyBridge-EP - 8 Core - 2.0GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 95W	
41020310	Intel Xeon Processor E5-2650L SandyBridge-EP - 8 Core - 1.8GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-70W	
41020265	Intel Xeon Processor E5-2658 SandyBridge-EP - 8 Core - 2.1GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	
41020277	Intel Xeon Processor E5-2660 SandyBridge-EP - 8 Core - 2.2GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-95W	
41020297	Intel Xeon Processor E5-2665 SandyBridge-EP - 8 Core - 2.4GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz-115W	
41020282	Intel Xeon Processor E5-2667 SandyBridge-EP - 6 Core - 2.9GHz - QPI 8.0GT/s - L3 Cache 15M – 1600MHz-130W	

Part Number	Description	Remarks
41020296	Intel Xeon Processor E5-2670 SandyBridge-EP - 8 Core - 2.6GHz - QPI 8.0GT/s - L3 Cache 20M – 1600MHz-115W	
41020283	Intel Xeon Processor E5-2680 SandyBridge-EP - 8 Core - 2.7GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 130W	
41020284	Intel Xeon Processor E5-2690 SandyBridge-EP - 8 Core - 2.9GHz - QPI 8.0GT/s - L3 Cache 20M -1600MHz- 135W	
41020411	X86 series-FCLGA2011-2800MHz-0.9V-64bit-115000mW-IvyBridge EP Xeon E5-2680 V2-10Core	
41020415	X86 series-FCLGA2011-3000MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2690 V2-10Core	
41020416	X86 series-FCLGA2011-2500MHz-0.9V-64bit-115000mW-IvyBridge EP Xeon E5-2670 V2-10Core	
41020417	X86 series-FCLGA2011-2200MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2660 V2-10Core	
41020420	X86 series-FCLGA2011-3300MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2667 V2-8Core	
41020421	X86 series-FCLGA2011-2600MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2650 V2-8Core	
41020422	X86 series-FCLGA2011-2000MHz-0.9V-64bit-95000mW-IvyBridge EP Xeon E5-2640 V2-8Core	
41020423	X86 series-FCLGA2011-1700MHz-0.9V-64bit-70000mW-IvyBridge EP Xeon E5-2650L V2-8Core	
41020424	X86 series-FCLGA2011-3500MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2643 V2-6Core	
41020425	X86 series-FCLGA2011-2600MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2630 V2-6Core	
41020426	X86 series-FCLGA2011-2100MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2620 V2-6Core	
41020427	X86 series-FCLGA2011-3500MHz-0.9V-64bit-130000mW-IvyBridge EP Xeon E5-2637 V2-4Core	
41020428	X86 series-FCLGA2011-2500MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2609 V2-4Core	
41020429	X86 series-FCLGA2011-1800MHz-0.9V-64bit-80000mW-IvyBridge EP Xeon E5-2603 V2-4Core	
41020418	X86 series,FCLGA2011,2700MHz,0.9V,64bit,130000mW,Ivy-Bridge EP Xeon E5-2697 V2,12Core	

Part Number	Description	Remarks
41020419	X86 series,FCLGA2011,2400MHz,0.9V,64bit,115000mW,Ivy-Bridge EP Xeon E5-2695 V2,12Core	

Note: The CPUs configured for one server must be of the same specifications.

20 DIMM

Part Number	Description	Remarks
02310MMG	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333- Height 30mm	
02310MMH	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333- Height 30mm	
02310MMJ	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333- Height 30mm	

Note: The DIMMs configured for one server must be of the same specifications.

21 Hard Disk Controller

Part Number	Description	Remarks
03021ENL	SR120 Server Raid Controller- SAS 6G/SATA 6G - RAID0 / RAID1 / RAID1E /RAID10	
02310KTK	SR220 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB – 8 Disk-RAID0 / RAID1 / RAID10 / RAID5 / RAID50	EOM
02310KTM	SR620 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB -8 Disk - RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60	EOM
02310KTL	SR320 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB -16 Disk - RAID0 / RAID1 / RAID10 / RAID5 / RAID50	EOM
02310MGE	SR320 Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -16 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID50	EOM
02310MGD	SR220 Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -8 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID50	EOM
02310MGF	SR620 Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -8 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60	EOM
02310MGS	SR320C Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -16 Disk- RAID0 / RAID1 / RAID10 / RAID5 /RAID50 Only Support SuperCap	EOM
02310MXP	SR420 Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB -32 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60	

Part Number	Description	Remarks
02310MGT	SR620C Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -8 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60 - Only Support SuperCap	EOM
02310MXU	SR420C Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -32 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60 - Only Support SuperCap	EOM
02310MXS	SR420 Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -32 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60 - Only Support Battery	EOM
02310NKT	SR520C Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -32 Disk- CacheCade2.0 -RAID0 / RAID1 / RAID10 /RAID5 / RAID6 /RAID50 /RAID60 - Only Support SuperCap	EOM
02310QNL	SR320BC Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB-16 Disk-RAID0/1/10/5/50/6/60 - Support Battery and SuperCap	
02310QNJ	SR320BC Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -16 Disk-RAID0/1/10/5/50/6/60 - Support Battery and SuperCap	
02310SRU	SR420BC Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -32 Disk- RAID0 / RAID1 / RAID10 / RAID5 / RAID6 /RAID50 /RAID60 - Support Battery and SuperCap	
02310SRV	SR520BC Server Raid Controller- SAS 6G/SATA 6G - Cache 1GB -32 Disk- CacheCade 2.0-RAID0 / RAID1 / RAID10 /RAID5 / RAID6 /RAID50 /RAID60 - Support Battery and SuperCap	

22 Hard Disk

Part Number	Description	Remarks
02310KPR	10000 RPM - 2.5' SAS 6Gbps - 300GB HDD	
02310KPU	10000 RPM - 2.5' SAS 6Gbps - 600GB HDD	
02310LYS	10000 RPM - 2.5' SAS 6Gbps - 900GB HDD	
02310UGC	10000 RPM - 2.5' SAS 6Gbps - 1200GB HDD	
02310LHE	15000 RPM - 2.5' SAS 6Gbps - 146GB HDD	
02310MMV	15000 RPM - 2.5' SAS 6Gbps - 300GB HDD	
02310LBB	7200 RPM - 2.5' SATA 6Gbps - 500GB HDD	
02310LAY	7200 RPM - 2.5' SATA 6Gbps - 1000GB HDD	
02310MLB	7200 RPM - 2.5' NL SAS 6Gbps - 1000GB HDD	
02310LAV	15000 RPM - 3.5' SAS 6Gbps - 300GB HDD	
02310LAX	15000 RPM - 3.5' SAS 6Gbps - 600GB HDD	
02310MKV	7200 RPM - 3.5' NL SAS 6Gbps - 1000GB HDD	
02310MKX	7200 RPM - 3.5' NL SAS 6Gbps - 2000GB HDD	
02310MLA	7200 RPM - 3.5' NL SAS 6Gbps - 3000GB HDD	
02310UGB	7200 RPM - 3.5' NL SAS 6Gbps - 4000GB HDD	
02310LGY	7200 RPM - 3.5' SATA 6Gbps - 1000GB HDD	
02310LHA	7200 RPM - 3.5' SATA 6Gbps - 2000GB HDD	
02310MKT	7200 RPM - 3.5' SATA 6Gbps - 3000GB HDD	
02310RFP	7200 RPM - 3.5' SATA 6Gbps - 4000GB HDD	
02310MMT	MLC 2.5' SATA 6Gbps - 240GB SSD	

Part Number	Description	Remarks
02310SLH	MLC 2.5' SATA 6Gbps - 480GB SSD	
02310SLK	eMLC 2.5' SATA 6Gbps - 200GB SSD	
02310SLL	eMLC 2.5' SATA 6Gbps - 400GB SSD	
0235G7GH	eMLC 3.5' SAS 6Gbps - 200GB SSD	
0235G7GJ	eMLC 3.5' SAS 6Gbps - 400GB SSD	
02310TFW	MLC 2.5' SATA 6Gbps - 80GB SSD	
02310TFY	MLC 2.5' SATA 6Gbps - 160GB SSD	
02310TGA	MLC 2.5' SATA 6Gbps - 300GB SSD	
02310TGB	MLC 2.5' SATA 6Gbps - 600GB SSD	
02310TKX	MLC 2.5' SATA 6Gbps - 300GB SSD - 3.5inch Handle	
02310SLN	MLC 2.5' SATA 6Gbps - 480GB SSD - 3.5inch Handle	

23 Power Supply

Part Number	Description	Remarks
02310MEF	AC/DC Power Module 750W 100V-240V /9.0~4.5A +12V/62.5A 92.0% Gold	
02310VPV	AC/DC Power Module 750W 100V-240V /9.0~4.5A +12V/62.5A 94.0% Platinum	
02310RHT	AC/DC Power Module 460W 90V-264V/6~3A +12V/ 38A 92.0% Gold	

Note: The PSUs configured for one server must be of the same specifications.

24 Certification

No	Country/ Region	Certification	Standards
1	China	RoHS	SJ/T 11363—2006 SJ/T 11364—2006 GB/T 26572—2011
2	China	CCC	GB4943.1-2011 GB9254-2008(Class A) GB17625.1-2012
3	China	China Environmental Labeling	GB/T24024:2001 idt ISO14024:1999 HJ 2507-2011
4	China	Energy Conservation	CQC3135-2011"Energy Conservation Certification Criteria for Servers"
5	China (Taiwan)	BSMI	CNS14336-1(99) CNS13438(95)

No	Country/ Region	Certificatio n	Standards
6	Europe	CE	<p>Safety: IEC 60950-1:2005(2nd Edition)+A1:2009 and/or EN 60950-1:2006+A11:2009+A1:2010+ A12:2011</p> <p>EMC: EN 55022:2010 CISPR 22:2008 EN 55024:2010 CISPR 24:2010 ETSI EN 300 386 V1.6.1:2012 ETSI ES 201 468 V1.3.1:2005 IEC 61000-3-2:2005+A1:2008+A2:2009/EN 61000-3-2:2006+A1:2009+A2:2009 IEC 61000-3-3:2008/EN 61000-3-3:2008 IEC 61000-6-2:2005/EN 61000-6-2:2005 IEC 61000-6-4:2006+A1:2010/EN 61000-6-4:2007 +A1:2011</p> <p>RoHS: 2002/95/EC, 2011/65/EU, EN 50581: 2012</p> <p>REACH: EC NO. 1907/2006</p> <p>WEEE: 2002/96/EC, 2012/19/EU</p>
7	America	FCC	FCC CFR47 Part 15:2005 Class A
8	America / Mexico / Argentina	NTRL-UL	UL 60950-1, 2nd Edition, 2011-12-19 (Information Technology Equipment - Safety - Part 1: General Requirements)
9	America	Energy Star	ENERGY STAR® Program Requirements for Computer Servers Eligibility Criteria V1.1
10	Canada	IC	ICES-003:2004 Class A
11	Canada	NTRL-UL	CSA C22.2 No. 60950-1-07, 2nd Edition, 2011-12 (Information Technology Equipment - Safety - Part 1: General Requirements)
12	Australia	C-tick	AS/NZS CISPR 22:2009
13	Japan	VCCI	VCCI V-3:2012

No	Country/ Region	Certificatio n	Standards
14	Kingdom of Saudi Arabia (KSA)	SASO	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
15	Nigeria	SONCAP	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
16	Tanzania	PVoC	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
17	Global	CB	IEC 60950-1:2005 (2nd Edition); Am 1:2009

Certificate download link:

[http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?
method=showMMDetail&f_id=SV12081526330077](http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=SV12081526330077)

25 Requirement Management

1. If you have new requirement , please use the RM flow: <http://rm.huawei.com:8000/rmhome/agileUserAction!login.action?synch=1>

2. The user guide of the RM is:

http://3ms.huawei.com/hi/group/8355/file_1837557.html

3. How to fill in content of the RM according to different requirement, please refer to the below model:

http://3ms.huawei.com/hi/group/8355/file_1837559.html