



**Huawei Tecal RH2485 V2**

## **Server Compatibility List**

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# 1 Recommended OS

Model	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge (Yes or No)	Remarks
Windows2008 SP2	Microsoft Windows Server 2008 SP2 32bit Microsoft Certification URL: ?	Yes	No	See <sup>1</sup>
Windows2008 R2 SP1	Microsoft Windows Server 2008 R2 SP1 64bit Microsoft Certification URL: ?	Yes	Yes	See <sup>1</sup>
Windows 2012	Microsoft Windows Server 2012 64bit Windows Certification URL: ?	Yes	Yes	See <sup>1</sup> , See <sup>2</sup>
RHEL 5U9	Red Hat Enterprise Linux 5 Update 9 Server for Intel EM64T	Yes	Yes	See <sup>2</sup>
RHEL 6U1	Red Hat Enterprise Linux 6 Update 1 Server for x86/Intel EM64T RedHat Certification URL: ?	Yes	No	See <sup>1</sup> , See <sup>2</sup>
RHEL 6U4	Red Hat Enterprise Linux 6 Update 4 Server for x86/Intel EM64T	Yes	Yes	See <sup>2</sup>
SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T SUSE Certification URL: ? and ?	Yes	No	See <sup>1</sup> , See <sup>3</sup>
SLES 11.3	SUSE Linux Enterprise Server 11 Service Pack 3 for x86/Intel EM64T	Yes	Yes	See <sup>2</sup>

Model	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge (Yes or No)	Remarks
Oracle 6.1	Oracle Enterprise Linux 6.1 Server X86_64 Oracle Certification URL: ?	Yes	No	See <sup>1</sup> , See <sup>3</sup>
Solaris 10u8	Solaris 10u8 LSI2208 RAID Card supported LSI2308 RAID Card not supported Intel 82576 Ethernet Controller supported Intel 82580 Ethernet Controller not supported	Yes	No	See <sup>4</sup>
Solaris 10u9	Solaris 10u9 LSI2208 RAID Card supported LSI2308 RAID Card not supported	Yes	No	See <sup>4</sup>
Solaris 10u10	Solaris 10u10	Yes	No	See <sup>2</sup>
CentOS 5.7	CentOS 5.7 for AMD64/Intel EM64T	Yes	No	See <sup>2</sup>
Kylin V3.2	Kylin Linux V3.2 for AMD64/Intel EM64T	Yes	Yes	See <sup>2</sup>
NeoKylin v5.6	NeoKylin Linux Advanced Server V5.0Update6 for x86/Intel EM64T	Yes	No	See <sup>3</sup>
Ubuntu 10.04.3	Ubuntu 10.04.3 Server Edition for x86/Intel EM64T	Yes	No	See <sup>3</sup>
Ubuntu 12.0.4 LTS	Ubuntu 12.0.4 LTS Server Edition for x86/Intel EM64T	Yes	No	See <sup>2</sup>
Debian 7.1.0	Debian 7.1.0 for x86/Intel EM64T	Yes	No	See <sup>2</sup>
Rocky V6.0.1	Rocky Linux V6.0.1 for AMD64/Intel EM64T	Yes	No	See <sup>3</sup>
RedFlag Asianux3.4	RedFlag Asianux 3 update 4 for x86/Intel EM64T with documentary certificate	Yes	No	See <sup>2</sup>
RedFlag Asianux4.2	RedFlag Asianux 4 update 2 for x86/Intel EM64T with documentary certificate	Yes	No	See <sup>2</sup>

1. Install an OS by using the ServiceCD: Use the ServiceCD DVD or image file for installation. The serviceCD version must be V100R001C00SPC800 or later, which is available at ?
2. Install an OS directly: Use the physical DVD-ROM drive to load the installation DVD or use the virtual DVD-ROM drive to load the image file for installation.
3. Load drivers while installing an OS: Load hardware drivers during OS installation.
4. Install an OS by making an installation source: Use the OS installation program and hardware drivers to make an installation source for installation.

Note: For details about the four OS installation methods, see the 《Tecal Server OS Installation Guide》. To obtain this document, perform the following steps:

- a. Log in to <http://enterprise.huawei.com/en>
- b. Choose SUPPORT > Product Support > Cloud Computing & Data Centers > Server.
- c. Select the type and model of the server on which the OS is to be installed, and click the document link in the Installation & Upgrade area to download this document.

# 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	
05200374	Operating System Software,Novell SuSE LINUX Enterprise Server,English Version,11,Paper licence,English Document,1Yr5*8Product Services	
05200375	Operating System Software,Novell SuSE LINUX Enterprise Server,English Version,11,Paper License,English Document,1Yr7*24Product Services	
05200359	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,1year 7*24 service,4CPU-up to 1 guest	
05200358	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,3year 7*24 service,4CPU-up to 1 guest	
05200355	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,1year 5*8 service,4CPU-up to 1 guest	
05200354	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,3year 5*8 service,4CPU-up to 1 guest	
05200351	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,1year 7*24 service,4CPU,include HA-up to 1 guest	
05200350	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,3year 7*24 service,4CPU,include HA-up to 1 guest	

Part Number	Description	Remarks
05200347	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,1 year 5*8 service,4CPU,include HA-up to 1 guest	
05200346	Operating System Software,English Version,Server Version,64bit,No Document,RHEL6.1system DVD,English Document,3 year 5*8 service,4CPU,include HA-up to 1 guest	

# 3 Recommended Virtualization software

Model	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge (Yes or No)	Remarks
Windows 2008 Hyper-V	Windows 2008 Hyper-V Windows Certification URL: ?	Yes	No	See <sup>1</sup>
Windows 2008 R2 Hyper-V	Windows 2008 R2 Hyper-V Windows Certification URL: ?	Yes	Yes	See <sup>1</sup>
Windows 2012 Hyper-V	Windows 2012 Hyper-V Windows Certification URL: ?	Yes	Yes	See <sup>1</sup> , See <sup>2</sup>
RHEL 6.1 KVM	KVM of Red Hat Enterprise Linux 6.1 Update 1 Server for x86/Intel EM64T RedHat Certification URL: ?	Yes	No	See <sup>1</sup> , See <sup>2</sup>
Oracle VM 3.0.2	Oracle Server VM 3.0.2	Yes	No	See <sup>2</sup>
Citrix 6.0	Citrix XenServer 6.0.0 Citrix Certification URL: ?	Yes	No	See <sup>2</sup>
Vmware 4.1	Vmware ESX 4.1 update2 Vmware Certification URL: ?	Yes	No	See <sup>4</sup>
Vmware 4.1	Vmware ESXi 4.1 update2 Vmware Certification URL: ?	Yes	No	See <sup>4</sup>
Vmware 5.0	Vmware ESXi 5.0.0 Vmware Certification URL: ?	Yes	No	See <sup>4</sup>

Model	Description	Supported SandyBridge (Yes or No)	Supported Ivy Bridge (Yes or No)	Remarks
Vmware 5.1	Vmware ESXi 5.1.0 Vmware Certification URL:?	Yes	Yes	See <sup>2</sup>
Vmware 5.5	Vmware ESXi 5.5.0	Yes	Yes	See <sup>2</sup>
Huawei FusionCompute	GalaX8800V1R2C01	Yes	No	See <sup>2</sup>
Huawei FusionCompute	GalaxEngineV1R2C02	Yes	No	See <sup>2</sup>
Huawei FusionCompute	FusionCompute V100R003C00	Yes	No	See <sup>2</sup>
Huawei FusionCompute	FusionCompute V100R003C10	Yes	No	See <sup>2</sup>

1. Install an OS by using the ServiceCD: Use the ServiceCD DVD or image file for installation. The serviceCD version must be V100R001C00SPC800 or later, which is available at ?
2. Install an OS directly: Use the physical DVD-ROM drive to load the installation DVD or use the virtual DVD-ROM drive to load the image file for installation.
3. Load drivers while installing an OS: Load hardware drivers during OS installation.
4. Install an OS by making an installation source: Use the OS installation program and hardware drivers to make an installation source for installation.

Note: For details about the four OS installation methods, see the 《Tecal Server OS Installation Guide》. To obtain this document, perform the following steps:

- a. Log in to <http://enterprise.huawei.com/en>
- b. Choose SUPPORT > Product Support > Cloud Computing & Data Centers > Server.
- c. Select the type and model of the server on which the OS is to be installed, and click the document link in the Installation & Upgrade area to download this document.

# 4 CPUs supported OS

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## 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 E5-4600 Series	Windows server 2008R2 Windows server 2012 Windows server 2012R2	
Intel	Intel Xeon E5-4600V2 Series	Windows server 2008R2 Windows server 2012 Windows server 2012R2	

## 4.2 Vmware

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-4600 Series	ESXi 5.5U1 5.5 ESXi 5.1U2 5.1U1 5.1 ESXi 5.0U3 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	
Intel	Intel Xeon E5-4600V2 Series	ESXi 5.5U1 5.5 ESXi 5.1U2 ESXi 5.0U3	

## 4.3 Suse

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-4600 Series	SLES10 SP4 SLES11 SP1 SLES11 SP2 SLES11 SP3	
Intel	Intel Xeon E5-4600V2 Series	SLES11 SP3	

## 4.4 RedHat

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-4600 Series	RHEL 5.7 or later RHEL 6.1 or later	?
Intel	Intel Xeon E5-4600V2 Series	RHEL 5.9 or later RHEL 6.4 or later	?

## 4.5 Citrix

Vendor	Model of CPU	OS Version	Remarks
Intel	Intel Xeon E5-4600 Series	Citrix XenServer 6.0.0 Citrix XenServer 6.0.2 Citrix XenServer 6.1.0 Citrix XenServer 6.2.0	?
Intel	Intel Xeon E5-4600V2 Series	Citrix XenServer 6.1.0 Citrix XenServer 6.2.0	?

# 5 PCIE-FC HBA Card

Part Number	Vendor	Model	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
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 <sup>1</sup>	
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 <sup>1</sup>	
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 <sup>1</sup>	

Part Number	Vendor	Model	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
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 <sup>1</sup>	

1. The drivers are provided by original vendors.

# 6 PCIE-CNA Card

Part Number	Vendor	Model	Model of Chip	Description	OS	Storage	Switch	Driver	Remarks	Part Number is temporary or not
06030223	Emulex	OCe11102-FM	BE3	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: <a href="#">?</a>	with SFP+ Optics itself See <sup>1</sup>	

1. The drivers are provided by original vendors.

# 7 PCIE-InfiniBand Card

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Note: PCIE-InfiniBand Card is not supported for RH2485 V2.

# 8 PCIE-SAS HBA Card

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Note: PCIE-SAS HBA Card is not supported for RH2485 V2.

# 9 PCIE-Network card

Part Number	Vendor of Network card	Model of Network card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP + Optics	Remarks	Part Number is temporary or not
06310023	Intel	E1G42ET	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See <sup>1</sup>	
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 <sup>1</sup>	
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 <sup>1</sup>	

Part Number	Vendor of Network card	Model of Network card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP + Optics	Remarks	Part Number is temporary or not
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 <sup>1</sup>	
06310038	Silicom	PEG2I6	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See <sup>1</sup>	
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 <sup>1</sup>	
06310040	Silicom	PE2G4I80L	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length	URL:?			RJ45 copper See <sup>1</sup>	
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 <sup>1</sup>	

Part Number	Vendor of Network card	Model of Network card	Model of Chip	Description	Driver	SFP+ Direct Attach Copper	SFP + Optics	Remarks	Part Number is temporary or not
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 <sup>1</sup>	
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 <sup>1</sup>	
06310067	Silicom	PE210G2I40E	X540	Dual Port 10 Gigabit Ethernet Card, RJ45 Copper, PCIE 2.0 X8 -Half-height half-length	URL:?			See <sup>1</sup> See <sup>2</sup>	

1. The drivers are provided by original vendors.
2. Cannot get it from Unistar.

# 10 PCIE-SSD Card

Part Number	Vendor of SSD card	Model of SSD card	Description	OS	Driver	Remarks
02310 NHE	Huawei	Tecal ES3000	Function Module, Tecal ES3000, CN2M01SSDD 800GB		URL: ?	See <sup>1</sup>
02310 NHB	Huawei	Tecal ES3000	Function Module, Tecal ES3000, CN2M01SSDD 1.2TB		URL: ?	See <sup>1</sup>
02310 NHD	Huawei	Tecal ES3000	Function Module, Tecal ES3000, CN2M01SSDD 2.4TB		URL: ?	See <sup>1</sup>

Referring to the user manual for configuration.

# 11 PCIE-GPU Card

Part Number	Vendor	Model	Description	OS	Driver	Remarks	Part Number is temporary or not
06320041	Nvidia	NVS 300 (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 V3.0 for AMD64/Intel EM64T; Solaris 10u9; Ubuntu 10.04.3 Server Edition for x86/Intel EM64T;	URL:?	See 1 See 2	
06320048	Nvidia	NVS 300 (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 V3.0 for AMD64/Intel EM64T; Solaris 10u9; Ubuntu 10.04.3 Server Edition for x86/Intel EM64T;	URL:?	See 1 See 3	

Part Number	Vendor	Model	Description	OS	Driver	Remarks	Part Number is temporary or not
06320031	Nvidia	Qudaro 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)	Kylin Linux V3.2 for AMD64/Intel EM64T	URL:?	See 1	
06320032	Nvidia	Qudaro 4000	Video Card,GPU Card, 2GB memory,89.6 GB/s Bandwidth, PCIE 2.0 X16-10DE-06DD, Active Cooling ,4.376" (H) x9.50" (L)	Red Hat Enterprise Linux 6 Update 4 Server for x86/ Intel EM64T; SUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T	URL:?	See 1 See 2 See 4 See 5	

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

The drivers are provided by original vendors.

# 12 Network MEZZ Card

Part Number	Vendor	Model	Model of Chip	Description	OS	Remarks
03021 RTA	Huawei	BE3		Manufactured Board, Tecal RH2485 V2, BC31TGMA, Tecal RH2485 V2 10G network board, Server Board, 2*1		

# 13 FC MEZZ Card

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Note: FC MEZZ Card is not supported for RH2485 V2.

# 14 FCOE MEZZ Card

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

# 15 Embeded FC SW

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Note: Embeded FC SW is not supported for RH2485 V2.

# 16 Application software

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Type of Software	Software	CPU	OS	Remarks

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# 17 Database

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Part Number	Vendor of Software	Software	OS	Cluster	Server	Remarks
	ORACLE	Oracle10g	Redhat 5.9	RAC		
	ORACLE	Oracle11g	OEL 6.1	RAC		

# 18 Management Software

Vendor	Software	OS	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		
Hewlett-Packard	HP Operations Manager 9.0		
Hewlett-Packard	HP Systems Insight Manager 7.2		
Hewlett-Packard	HP Operations Orchestration 9.0.0	Microsoft Windows 2008 Server Enterprise edition SP2	
Symantec	Altiris Deployment Solution 6.9		
BMC	BladeLogic Server Automation 8.3		

# 19 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	

# 20 Processor

Part Number	Description	Remarks
41020351	Intel Xeon Processor E5-4603 Sandy Bridge- 4 Core – 2.0GHz - QPI 6.4GT/s -Smart Cache 10M -1066MHz- 95W	
41020350	Intel Xeon Processor E5-4607 Sandy Bridge- 6 Core – 2.2GHz - QPI 6.4GT/s -Smart Cache 12M – 1066MHz-95W	
41020225	Intel Xeon Processor E5-4610 Sandy Bridge- 6 Core – 2.4GHz - QPI 7.2GT/s -Smart Cache 15M -1333MHz- 95W	
41020353	Intel Xeon Processor E5-4617 Sandy Bridge- 6 Core – 2.9GHz - QPI 7.2GT/s -Smart Cache 15M -1600MHz- 130W	
41020349	Intel Xeon Processor E5-4620 Sandy Bridge- 8 Core – 2.2GHz - QPI 7.2GT/s -Smart Cache 16M -1333MHz- 95W	
41020348	Intel Xeon Processor E5-4640 Sandy Bridge- 8 Core – 2.4GHz - QPI 8.0GT/s -Smart Cache 20M -1600MHz- 95W	
41020347	Intel Xeon Processor E5-4650 Sandy Bridge- 8 Core – 2.7GHz - QPI 8.0GT/s -Smart Cache 20M – 1600MHz-130W	
41020352	Intel Xeon Processor E5-4650L Sandy Bridge- 8 Core – 2.6GHz - QPI 8.0GT/s -Smart Cache 20M – 1600MHz-115W	

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

# 21 DIMM

Part Number	Description	Remarks
06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm	
06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm	
06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm	
06200121	DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V 1600-Height 30mm	
06200139	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.5V 1600-Height 30mm	
06200123	DDR3 RDIMM-8GB-2Rx8 4Gbit- 1.35V 1600-Height 30mm	The server does not support 1600 MHz due to CPU limitations
06200137	DDR3 LRDIMM-32GB-4Rx4 4Gbit-1.35V 1333-Height 30mm	A server supports mixed configuration of LRDIMMs from different manufacturers only if the server BIOS is V364 or later

Part Number	Description	Remarks
06200145	DDR3 LRDIMM-32GB-4Rx4 4Gbit-1.35V 1333-Height 42mm	A server supports mixed configuration of LRDIMMs from different manufacturers only if the server BIOS is V364 or later
06200161	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1600-Height 30mm	
06200162	DDR3 RDIMM-32GB-4Rx4 4Gbit- LV 1.35V 1333-Height 30mm	only support 1DPC or 2DPC configuration

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

# 22 Hard Disk Controller

Part Number	Description	Remarks	Part Number is temporary or not
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	
02310MGF	SR620 Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -8 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID6 / RAID50 /RAID60	EOM	
02310MGT	SR620C Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB -8 Disk- 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		

Part Number	Description	Remarks	Part Number is temporary or not
02310MGD	SR220 Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB - 8 Disk- RAID0 / RAID1 / RAID10 /RAID5 / RAID50	EOM	
02310NKT	SR520C Server Raid Controller- SAS 6G/ SATA 6G - Cache 1GB - 32 Disk- CacheCade 2.0-RAID0 / RAID1 / RAID10 /RAID5 / RAID6 /RAID50 /RAID60 - Only Support SuperCap		Y

# 23 Hard Disk

Part Number	Description	Remarks	Part Number is temporary or not
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		
02310MMT	MLC 2.5' SATA 6Gb/s - 240GB SSD		
02310SLH	MLC 2.5' SATA 6Gb/s - 480GB SSD		
02310SLK	eMLC 2.5' SATA 6Gb/s - 200GB SSD		
02310SLL	eMLC 2.5' SATA 6Gb/s - 400GB SSD		
02310TFW	MLC 2.5' SATA 6Gb/s - 80GB SSD		
02310TFY	MLC 2.5' SATA 6Gb/s - 160GB SSD		

Part Number	Description	Remarks	Part Number is temporary or not
02310TGA	MLC 2.5' SATA 6Gb/s - 300GB SSD		
02310TGB	MLC 2.5' SATA 6Gb/s - 600GB SSD		

# 24 Power Supply

Part Number	Description	Remarks
02130985	AC/DC Power Module 1200W 90V-264V /6.6~9.3A +12.3V/96A 94.0% Platinum 2731BTU/hr(at 100 VAC);3071BTU/hr(at 110~127 VAC);4094BTU/hr(at 200~240 VAC)	
98080310	AC/DC Power Module 750W 90V-264V /4.5~9.0A +12.3V/62.5A 92.0% Golden 2559BTU/hr	only for China
02131058	AC/DC Power Module 750W 90V-264V /4.5~9.0A +12.3V/62.5A 94.0% Platinum 2559BTU/hr	only for China

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

# 25 Certification

No	Country/ Region	Certification	Standards
1	China	RoHS	SJ/T 11363—2006 SJ/T 11364—2006 GB/T 26572—2011
2	China	CCC	GB4943.1-2001 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"

No	Country/ Region	Certification	Standards
5	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>
6	America	FCC	FCC CFR47 Part 15:2005 Class A
7	America / Mexico / Argentina	NTRL-UL	UL 60950-1, 2nd Edition, 2011-12-19 (Information Technology Equipment - Safety - Part 1: General Requirements)
8	America	Energy Star	ENERGY STAR® Program Requirements for Computer Servers
9	Canada	IC	ICES-003:2004 Class A
10	Canada	NTRL-UL	CSA C22.2 No. 60950-1-07, 2nd Edition, 2011-12 (Information Technology Equipment - Safety - Part 1: General Requirements)
11	Australia	C-tick	AS/NZS CISPR 22:2009
12	Japan	VCCI	VCCI V-3:2012

No	Country/ Region	Certificatio n	Standards
13	Kingdom of Saudi Arabia (KSA)	SASO	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
14	Nigeria	SONCAP	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
15	Kuwait	Kucas	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011

Certificate download link:

[http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?  
method=showMMDetail&f\\_id=SV12081314410137](http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=SV12081314410137)

# 26 Requirement Management

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1. If you have new requirement , please use the RM flow:

<http://rm.huawei.com:8000/Agile/default/login-cms.jsp>

2. The user guide of the RM is:

[http://3ms.huawei.com/hi/group/8355/file\\_1837557.html](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\\_2490055.html](http://3ms.huawei.com/hi/group/8355/file_2490055.html)