Lenovo

Lenovo ThinkServer RD240 server Rack (2U) Intel Xeon 5000 E5506 2,13 GHz 2 GB 750 W

Brand : Lenovo

Product family: ThinkServer

Product code: SUF11FR+84978OE

Product name : RD240

Lenovo ThinkServer RD240. خانواده پردازنده: Intel Xeon 5000, Processor frequency: 2,13 GHz, مدل پردازنده: E5506. Internal memory: 2 GB. اتصال ."3.5 اندازه هارد درایو: LAN نوع درایو نوری. اترنت: DVD-RW. 750 منبع تغذیه: W, پشتیبانی وقفه منبع تغذیه (RPS). نوع شاسی: Rack (2U)

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Xeon® 5000 Sequence
Processor model *	E5506
Processor frequency *	2.13 GHz
Processor cores	4
Processor cache	4 MB
Motherboard chipset	Intel® 5500
Memory channels supported by processor	Triple
Number of processors installed	1
Thermal Design Power (TDP)	80 W
Processor cache type	Smart Cache
System bus rate	4.8 GT/s
Processor socket	Socket B (LGA 1366)
Processor lithography	45 nm
Processor threads	4
Processor operating modes	64-bit
Stepping	D0
FSB Parity	✗
Bus type	QPI
Number of QPI links	2
Processor codename	Nehalem EP
Tcase	76 °C
Maximum internal memory supported by processor	144 GB
Memory types supported by processor	DDR3-SDRAM
Memory clock speeds supported by processor	800 MHz
Memory bandwidth supported by processor (max)	19.2 GB/s
ECC supported by processor	✓
Execute Disable Bit	✓

Ports & interfaces	
USB 2.0 ports quantity	6
VGA (D-Sub) ports quantity	1

Design	
Chassis type *	Rack (2U)

Software	
Operating system installed *	✗
Compatible operating systems *	Windows Server 2008 Standard Edition R2, Genuine Windows Server 2008 Enterprise Edition R2, Genuine Windows Server Small Business Server 2008 Standard (SP2), Genuine Windows Server Small Business Server 2008 Premium (SP2), Novell SUSE 11, Red Hat Enterprise Linux 5, VMWare vSphere 4.0

Processor special features	
CPU configuration (max)	2
Intel Rapid Storage Technology	✗
Enhanced Intel SpeedStep Technology	✓
Intel® Wireless Display (Intel® WiDi)	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® My WiFi Technology (Intel® MWT)	✗
Intel® Turbo Boost Technology	✗
Intel® Quick Sync Video Technology	✗
Intel® InTru™ 3D Technology	✗

Processor	
Idle States	✔
Thermal Monitoring Technologies	✘
Processor package size	42.5 x 45 mm
Processor code	SLBF8
Physical Address Extension (PAE)	✔
Physical Address Extension (PAE)	40 bit
Embedded options available	✘
CPU multiplier (bus/core ratio)	16
Processor system type	DP
Processor series	Intel Xeon 5500 Series
Conflict-Free processor	✘

Memory	
Internal memory *	2 GB
Memory slots	8x DIMM
ECC	✔
Memory clock speed	1333 MHz
Maximum internal memory *	64 GB

Storage	
HDD size	3.5"
RAID support *	✔
RAID levels	1E
Hot-swap	✔
Optical drive type *	DVD-RW

Network	
Networking features	Gigabit Ethernet
Ethernet LAN	✔

Ports & interfaces	
Ethernet LAN (RJ-45) ports *	2

Processor special features	
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel® Insider™	✘
Intel Flex Memory Access	✘
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✔
Intel Clear Video Technology	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	37096

Power	
Number of power supply units	1
Redundant power supply (RPS) support *	✔
Power supply *	750 W

Weight & dimensions	
Width	483 mm
Depth	700 mm
Height	88 mm

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