



## Lenovo System x3650 M3 server 2,6 TB Rack (2U) Intel® Xeon® 5000 Sequence X5650 2,66 GHz 24 GB DDR3-SDRAM 675 W

**Brand :** Lenovo

**Product family:** System

**Article code:** 7945J6G



**Product name :** x3650 M3

Lenovo System x3650 M3. Processor family: Intel® Xeon® 5000 Sequence, Processor frequency: 2,66 GHz, Processor model: X5650. Internal memory: 24 GB, Internal memory type: DDR3-SDRAM, Memory layout (slots x size): 6 x 4 GB. Total storage capacity: 2,6 TB, HDD size: 2.5". Ethernet LAN. Power supply: 675 W. Chassis type: Rack (2U)

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity	4
Processor family *	Intel® Xeon® 5000 Sequence	VGA (D-Sub) ports quantity	2
Processor model *	X5650	Serial ports quantity	1
Processor frequency *	2,66 GHz	Expansion slots	
Processor boost frequency	3,06 GHz	PCI Express x8 slots	4
Processor cores	6	Design	
Processor cache	12 MB	Chassis type *	Rack (2U)
Motherboard chipset	Intel® 5520	Software	
Memory channels supported by processor	Triple	Compatible operating systems *	Windows Server 2008, 2008 R2 (32/64-bit) Windows Server 2003, 2003 R2 (32/64-bit) RHEL 5 (32/64-bit) RHEL 6 (32/64-bit) SLES 10, 11 (32/64-bit) VMware vSphere Hypervisor 4.1 Sun Solaris 10
Number of processors installed	2		
Thermal Design Power (TDP)	95 W	Processor special features	
Processor cache type	Smart Cache	CPU configuration (max)	2
System bus rate	6,4 GT/s	Intel Rapid Storage Technology	✗
Maximum number of SMP processors	2	Enhanced Intel SpeedStep Technology	✓
Compatible processor series	Intel® Xeon®	Intel® Wireless Display (Intel® WiDi)	✗
Processor socket	Socket B (LGA 1366)	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor lithography	32 nm	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor threads	12	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor operating modes	64-bit	Intel® My WiFi Technology (Intel® MWT)	✗
Stepping	B1	Intel® Turbo Boost Technology	1.0
FSB Parity	✗	Intel® Quick Sync Video Technology	✗
Bus type	QPI	Intel® InTru™ 3D Technology	✗
Number of QPI links	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor codename	Westmere EP	Intel® Insider™	✗
Tcase	81,3 °C	Intel Flex Memory Access	✗
Maximum internal memory supported by processor	288 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory types supported by processor	DDR3-SDRAM	Intel Trusted Execution Technology	✓
Memory clock speeds supported by processor	800,1066,1333 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	32 GB/s	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✓	Intel Demand Based Switching	✓
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✗		
Processor package size	42.5 X 45 mm		
Supported instruction sets	SSE4.2		
Processor code	SLBV3		
Physical Address Extension (PAE)	40 bit		

Processor		Processor special features	
Embedded options available	✗	Intel Clear Video Technology	✗
CPU multiplier (bus/core ratio)	20	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Processor system type	DP	Intel 64	✓
Processor series	Intel Xeon 5600 Series	Intel Virtualization Technology (VT-x)	✓
Conflict-Free processor	✗	Intel Dual Display Capable Technology	✗
Memory		Intel FDI Technology	✗
Internal memory *	24 GB	Intel Fast Memory Access	✗
Internal memory type *	DDR3-SDRAM	Processor ARK ID	47922
Memory slots	18x DIMM	Power	
ECC	✓	Power supply type	AC/DC
Memory clock speed	1333 MHz	Number of power supply units	2
Memory layout (slots x size)	6 x 4 GB	Redundant power supply (RPS) support *	✗
Maximum internal memory *	192 GB	Power supply *	675 W
Storage		Operational conditions	
Maximum storage capacity *	16 TB	Operating temperature (T-T)	10 - 32 °C
Total storage capacity *	2,6 TB	Operating altitude	914,4 - 2133 m
Number of HDDs installed	8	Certificates	
HDD size	2.5"	Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Number of HDDs supported	16	Sustainability	
RAID support *	✓	Sustainability certificates	ENERGY STAR
RAID levels	10	Weight & dimensions	
Hot-swap	✓	Width	443,6 mm
Optical drive type *	✗	Depth	798 mm
Graphics		Height	85,4 mm
Maximum graphics card memory	16 MB	Weight	24,9 kg
Network		Other features	
Networking features	Gigabit Ethernet	Disk array controller	LSI 1068
Wake-on-LAN ready	✓	Mac compatibility	✗
LAN controller	Broadcom BCM5709S	Graphics card	G200eV
Ethernet LAN	✓	Graphics card memory type	GDDR2
Ports & interfaces		Graphics card family	Matrox
Ethernet LAN (RJ-45) ports *	2		

## Catalog Object Cloud



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