



Lenovo ThinkCentre M58p Intel® Core™ 2 Duo E8500 2 GB DDR3-SDRAM 320 GB Windows 7 Professional SFF PC Black

Brand : Lenovo

Product family: ThinkCentre

Product code: 9964AES

Product name : M58p

Intel Q45, Intel Core 2 Duo E8500 (6M Cache, 3.16 GHz, 1333 MHz FSB), 2048MB DDR3, 320GB SATA HDD, DVD-RW, Gigabit Ethernet, Windows 7 Professional/XP Professional
Lenovo ThinkCentre M58p. Processor frequency: 3,16 GHz, Processor type: Intel® Core™ 2 Duo, Processor: E8500. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM, Memory speed: 1066 MHz. Total storage capacity: 320 GB, Optical drives: DVD-RW. Operating system software: Windows 7 Professional. Power supply: 280 W. Form factor: SFF. Product type: PC. Weight: 7,5 kg. Product colour: Black



Processor		Software	
Processor manufacturer *	Intel	Operating system software *	Windows 7 Professional
Processor type *	Intel® Core™ 2 Duo	Optional operating system supplied	Windows XP Professional
Processor *	E8500	Processor special features	
Processor number of cores	2	Intel Wireless Display (WiDi) Technology	✗
Processor threads	2	Intel 64	✓
Processor frequency *	3,16 GHz	Enhanced Intel SpeedStep Technology	✓
Processor socket	LGA 775 (Socket T)	Embedded options available	✗
Processor cache	6 MB	Intel® InTru™ 3D Technology	✗
Processor cache type	L2	Intel® Insider™	✗
Processor system bus	1333 MHz	Intel Clear Video HD Technology	✗
Bus type	FSB	Intel Clear Video Technology	✗
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✗
Processor lithography	45 nm	Idle States	✓
Processor operating modes	64-bit	Thermal Monitoring Technologies	✓
Processor series	Intel Core 2 Duo E8000 Series	Intel AES New Instructions	✗
Processor codename	Wolfdale	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	65 W	Execute Disable Bit	✓
Processor system type	DP	Intel FDI Technology	✗
Tcase	72,4 °C	Intel Flex Memory Access	✗
Number of processors	1	Intel Fast Memory Access	✗
Number of Processing Die	410 M	Intel Enhanced Halt State	✓
Transistors	107 mm²	Intel Demand Based Switching	✗
Stepping	C0	Intel Clear Video Technology for MID	✗
CPU multiplier (bus/core ratio)	9,5	Processor package size	37.5 x 37.5 mm
Processor core voltage (AC)	0.850/1.3625 V	Processor code	SLAPK
ECC supported by processor	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory			
Internal memory *	2 GB		
Maximum memory *	8 GB		
Internal memory type	DDR3-SDRAM		

Memory		Processor special features	
Memory slots	4x DIMM	Intel Virtualization Technology (VT-x)	✓
Memory speed	1066 MHz	Intel Dual Display Capable Technology	✗
Storage		Intel Rapid Storage Technology	✗
Total storage capacity *	320 GB	Processor ARK ID	33911
Optical drives *	DVD-RW	Intel Turbo Boost Technology	✗
Number of HDDs installed	1	Intel Hyper-Threading Technology	✗
Hard drive interface	SATA	Intel® Quick Sync Video Technology	✗
Network		Intel My WiFi Technology	✗
Ethernet LAN connection *	✓	Intel Anti-Theft Technology	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Conflict-Free processor	✗
Cabling technology	10/100/1000Base-T(X)	Power	
Wi-Fi *	✗	Power supply *	280 W
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	10	Width *	317 mm
VGA (D-Sub) ports quantity	1	Depth *	355 mm
DVI port	✗	Height *	99 mm
DisplayPorts quantity	1	Weight *	7,5 kg
PS/2 ports quantity	2	Display	
eSATA ports quantity	1	Display included *	✗
Ethernet LAN (RJ-45) ports	1	Other features	
Microphone in	✓	Power supply type	AC/DC
Headphone outputs	1	Power requirements	100-240V
DC-in jack	✓	External drive bays	1x 3.5", 1x 5.25"
Serial ports quantity	1	Internal drive bays	1x 3.5"
Expansion slots		Network interface	Gigabit Ethernet
PCI Express x16 slots	1	Platform	PC
PCI slots	1	Compliance industry standards	IEEE 802.3, 802.3u, 802.3ab
Design		Intel segment tagging	Enterprise, Professional
Form factor *	SFF		
Number of 3.5" bays	2		
Number of 5.25" bays	1		
Product colour *	Black		
Performance			
Audio system	HDA		
Product type *	PC		

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