



Lenovo ThinkCentre M91p Intel® Core™ i5 i5-2400 2 GB DDR3-SDRAM 250 GB Intel® HD Graphics Windows 7 Professional SFF PC Black

Brand : Lenovo

Product family: ThinkCentre

Product code: 7033A1U

Product name : M91p

Intel Core i5-2400 (3.1GHz, 6MB), 2GB, 250GB 7200RPM S-ATA HDD, no FDD, PCI/PCIe SFF (4x3) Intel HD Graphics, DVD-RW, Intel Gigabit Ethernet, Windows 7 Professional 32

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M Series desktops with AMD processors or up to 2nd generation Intel® Core™ i series processors, and DDR3 memory deliver responsive performance at breakneck speeds—making quick work of the most intensive applications. If you need to power through advanced video editing and 2D and 3D image design, M Series can oblige.

And all M Series PCs are available with Lenovo Enhanced Experience for Windows® 7 for startup and shutdown times you have to see to believe — on average about 20 seconds faster boot! Some models like the M91/M91p feature Enhanced Experience 2.0 technology that's further optimized for business with dramatically improved application performance.



Processor		Design	
Processor manufacturer *	Intel	Product colour *	Black
Processor family *	Intel® Core™ i5	Performance	
Processor generation	2nd gen Intel® Core™ i5	Motherboard chipset	Intel® Q67 Express
Processor model *	i5-2400	Audio system	High Definition Audio
Processor cores	4	Product type *	PC
Processor threads	4	Software	
Processor boost frequency	3,4 GHz	Operating system architecture	32-bit
Processor frequency *	3,1 GHz	Operating system installed *	Windows 7 Professional
Processor socket	LGA 1155 (Socket H2)	Processor special features	
Processor cache	6 MB	Intel® Wireless Display (Intel® WiDi)	✗
Processor cache type	Smart Cache	Intel 64	✓
System bus rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI	Embedded options available	✓
FSB Parity	✗	Intel® InTru™ 3D Technology	✓
Processor lithography	32 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor series	Intel Core i5-2400 Desktop Series	Intel Clear Video Technology	✗
Processor codename	Sandy Bridge	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	95 W	Idle States	✓
Tcase	72,6 °C	Thermal Monitoring Technologies	✓
PCI Express slots version	2.0	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✓
CPU multiplier (bus/core ratio)	31		
Maximum internal memory supported by processor	32 GB		
Memory types supported by processor	DDR3-SDRAM		
Memory clock speeds supported by processor	1066,1333 MHz		

Processor		Processor special features	
Memory bandwidth supported by processor (max)	21 GB/s	Execute Disable Bit	✓
ECC supported by processor	✗	Intel FDI Technology	✓
Memory		Intel Flex Memory Access	✓
Internal memory *	2 GB	Intel Fast Memory Access	✓
Maximum internal memory *	16 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory layout (slots x size)	1 x 2 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory slots	4x DIMM	Processor package size	37.5 x 37.5 mm
Memory clock speed	1333 MHz	Supported instruction sets	AVX
Memory channels	Dual-channel	CPU configuration (max)	1
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	250 GB	Intel Identity Protection Technology version	1,00
Optical drive type *	DVD-RW	Intel Virtualization Technology (VT-x)	✓
Number of hard drives installed	1	Intel Dual Display Capable Technology	✓
Hard drive interface	SATA	Intel Rapid Storage Technology	✗
Hard drive speed	7200 RPM	Processor ARK ID	52207
Card reader integrated	✗	Intel® Turbo Boost Technology	2.0
Graphics		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card *	✓	Intel® Quick Sync Video Technology	✓
Discrete graphics card model *	Intel® HD Graphics	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card family	Intel® HD Graphics	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card model *	Intel® HD Graphics 2000	Intel® Anti-Theft Technology (Intel® AT)	✗
On-board graphics card base frequency	850 MHz	Conflict-Free processor	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
Number of displays supported (on-board graphics)	2	Power supply *	240 W
On-board graphics card ID	0x102	Weight & dimensions	
Network		Width *	337 mm
Ethernet LAN *	✓	Depth *	369 mm
Wi-Fi *	✗	Height *	99 mm
Ports & interfaces		Weight *	7,5 kg
USB 2.0 ports quantity *	8	Display	
VGA (D-Sub) ports quantity	1	Display included *	✗
DVI port	✗	Other features	
DisplayPorts quantity	1	Networking features	Gigabit Ethernet
Ethernet LAN (RJ-45) ports	1	Graphics card family	Intel
Microphone in	✓	Intel segment tagging	Enterprise, Professional
Headphone outputs	1		
Serial ports quantity	1		
Design			
Chassis type *	SFF		

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