



## Lenovo ThinkCentre M82 Intel Pentium G G630 2 GB DDR3-SDRAM 500 GB Windows 7 Professional Mini Tower PC Black

**Brand :** Lenovo

**Product family:** ThinkCentre

**Product code:** 3392C7U

**Product name :** M82



Intel Pentium G630 (3M Cache, 2.70 GHz), 1 x 2GB UDIMM DDR3, 1 x 500GB SATA HDD, DVD RW, Intel HD Graphics, Gigabit Ethernet, Windows 7 Professional 64-bit  
Lenovo ThinkCentre M82. Processor frequency: 2,7 GHz, Processor family: Intel Pentium G, Processor model: G630. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Card reader integrated, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 280 W. Chassis type: Mini Tower. Product type: PC. Product colour: Black

Processor		Design	
Processor manufacturer *	Intel	Chassis type *	Mini Tower
Processor family *	Intel Pentium G	Number of 3.5" bays	1
Processor model *	G630	Number of 5.25" bays	2
Processor cores	2	Cable lock slot	✓
Processor threads	2	Cable lock slot type	Kensington
Processor frequency *	2,7 GHz	Product colour *	Black
Processor socket	LGA 1155 (Socket H2)	<b>Performance</b>	
Processor cache	3 MB	Built-in speaker(s)	✓
Processor cache type	Smart Cache	Product type *	PC
System bus rate	5 GT/s	<b>Software</b>	
Bus type	DMI	Operating system architecture	64-bit
Processor lithography	32 nm	Operating system installed *	Windows 7 Professional
Processor operating modes	64-bit	<b>Processor special features</b>	
Processor series	Intel Pentium G600 Series for Desktop	Intel® Wireless Display (Intel® WiDi)	✗
Processor codename	Sandy Bridge	Intel 64	✓
Thermal Design Power (TDP)	65 W	Enhanced Intel SpeedStep Technology	✓
Tcase	69,1 °C	Embedded options available	✗
PCI Express slots version	2.0	Intel® InTru™ 3D Technology	✗
Number of processors installed	1	Intel® Insider™	✗
Stepping	Q0	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
CPU multiplier (bus/core ratio)	27	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory supported by processor	32 GB	Idle States	✓
Memory types supported by processor	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speeds supported by processor	1066 MHz	Intel® AES New Instructions (Intel® AES-NI)	✗
Memory bandwidth supported by processor (max)	17 GB/s	Intel Trusted Execution Technology	✗
<b>Memory</b>		Execute Disable Bit	✓
Internal memory *	2 GB	Intel FDI Technology	✓
Maximum internal memory *	32 GB		
Internal memory type	DDR3-SDRAM		
Memory layout (slots x size)	1 x 2 GB		

Memory		Processor special features	
Memory slots	4x DIMM	Intel Flex Memory Access	✓
Memory channels	Dual-channel	Intel Fast Memory Access	✓
Storage		Intel Enhanced Halt State	✓
Total storage capacity *	500 GB	Processor package size	37.5 x 37.5 mm
Optical drive type *	DVD-RW	Processor code	SR05S
Number of HDDs installed	1	CPU configuration (max)	1
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD interface	SATA III	Intel Virtualization Technology (VT-x)	✓
HDD speed	7200 RPM	Intel Dual Display Capable Technology	✓
Card reader integrated	✓	Processor ARK ID	53483
Graphics		Intel® Turbo Boost Technology	✗
On-board graphics card *	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Discrete graphics card model *	Not available	Intel® Quick Sync Video Technology	✗
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics	Power supply *	280 W
On-board graphics card base frequency	850 MHz	Operational conditions	
On-board graphics card dynamic frequency (max)	1100 MHz	Operating temperature (T-T)	10 - 35 °C
Number of displays supported (on-board graphics)	2	Storage temperature (T-T)	-40 - 60 °C
Network		Operating relative humidity (H-H)	20 - 80%
Ethernet LAN *	✓	Storage relative humidity (H-H)	20 - 90%
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
Cabling technology	10/100/1000Base-T(X)	Compliance certificates	RoHS
Wi-Fi *	✗	Weight & dimensions	
Bluetooth	✗	Width *	175 mm
Ports & interfaces		Depth *	412 mm
USB 2.0 ports quantity *	4	Height *	365 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Weight *	11 kg
VGA (D-Sub) ports quantity	1	Packaging content	
DVI port	✗	Mouse included	✓
DisplayPorts quantity	1	Keyboard included	✓
Ethernet LAN (RJ-45) ports	1	Display	
Microphone in	✓	Display included *	✗
Headphone outputs	1	Other features	
DC-in jack	✓	External drive bays	1 x 3.5", 2 x 5.25"
Serial ports quantity	1	Internal drive bays	2 x 3.5"
Expansion slots		Networking features	Gigabit Ethernet
PCI Express x1 slots	1	Graphics card family	Intel
PCI Express x16 slots	1	Ethernet interface type	Gigabit Ethernet
PCI slots	2	Intel segment tagging	Enterprise, Professional

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