## MSI Megabook GX720-023BE Intel® Core™2 Duo P8400 43,2 cm (17") 4 GB DDR2-SDRAM 320 GB NVIDIA® GeForce® 9600M GT Windows Vista Home Premium

**Brand :** MSI **Product family:** Megabook **Product code:** 957-172234-023

Product name: GX720-023BE

GX720-023BE - Intel Core 2 Duo P8400 (2.26 GHz, 1066 MHz FSB, 3 MB L2), 17" WSXGA+ Glare Type (1680x1050), 4GB DDR2, 320GB SATA HDD, nVIDIA Geforce 9600M GT DDR3 512MB, DVD+/-RW DL, Gigabit Ethernet, WLAN 802.11 a/g/n, BlueTooth, 2.0M WebCam, Windows Vista Home Premium MSI Megabook GX720-023BE. Processor family: Intel® Core™ 2 Duo, Processor model: P8400, Processor frequency: 2,26 GHz. Display diagonal: 43,2 cm (17"), Display resolution: 1680 x 1050 pixels. Internal memory: 4 GB, Internal memory type: DDR2-SDRAM. Total storage capacity: 320 GB. Discrete graphics card model: NVIDIA® GeForce® 9600M GT. Operating system installed: Windows Vista Home Premium. Weight: 3,2 kg





Display		Software	
Display diagonal *	43,2 cm (17")	Operating system installed *	Windows Vista Home Premium
Display resolution *	1680 x 1050 pixels	Processor special features	
Native aspect ratio Display surface	16:10 Gloss	Intel® Wireless Display (Intel®	×
	GIUSS	WiDi)	•
Processor		Intel® My WiFi Technology (Intel® MWT)	×
Processor manufacturer * Processor family *	Intel Intel® Core™2 Duo	Intel® Anti-Theft Technology (Intel® AT)	×
Processor model * Processor cores	P8400 2	Intel® Hyper Threading Technology (Intel® HT Technology)	×
Processor threads	2	Intel® Turbo Boost Technology	×
Processor frequency * Processor cache	2,26 GHz 3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L2	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Processor socket	Socket 478	Intel Clear Video Technology	×
Processor front side bus	1066 MHz	Intel® InTru™ 3D Technology	×
Processor lithography	45 nm	· ·	
Processor operating modes	64-bit	Intel® Insider™	×
Processor series	Intel Core 2 Duo P8000 Series	Intel® Quick Sync Video Technology	×
Processor codename	Penryn	Intel Flex Memory Access	×
Bus type FSB Parity	FSB X	Intel® AES New Instructions (Intel® AES-NI)	×
Stepping	MO	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	25 W	Intel Enhanced Halt State	/
Tjunction	105 °C	Intel VT-x with Extended Page	
Number of Processing Die Transistors	410 M	Tables (EPT)	<b>X</b>
Processing Die size	107 mm²	Intel Demand Based Switching	×
CPU multiplier (bus/core ratio)	8,5		

Processor		Processor special features	
ECC supported by processor	×	Intel® Clear Video Technology for	
	^	Mobile Internet Devices (Intel CVT	×
Memory		for MID)	
Internal memory *	4 GB	Intel 64	<b>✓</b>
Internal memory type Memory layout (slots x size)	DDR2-SDRAM 2 x 2 GB	Execute Disable Bit	•
Maximum internal memory *	4 GB	Idle States	•
·	. 65	Thermal Monitoring Technologies	X
Storage Tatal storage canacity *	220 CB	Processor package size Processor code	35 x 35 mm SL3BU
Total storage capacity * Hard drive interface	320 GB SATA	Embedded options available	<b>√</b>
Hard drive speed	5400 RPM	Intel Virtualization Technology for	•
Card reader integrated	✓	Directed I/O (VT-d)	×
-	•	Intel Virtualization Technology (VT-	·
Graphics	N/IDIA 0 G F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	x)	
Discrete graphics card model * Discrete graphics card memory	NVIDIA® GeForce® 9600M GT 0,512 GB	Intel Dual Display Capable Technology	×
Discrete graphics card *	0,512 GB ✓	Intel FDI Technology	×
3 1	•	Intel Rapid Storage Technology	×
Audio	IPAR BARANA A P	Intel Fast Memory Access	×
Audio system	High Definition Audio	Processor ARK ID	35569
Number of built-in speakers Built-in subwoofer	4 <b>✓</b>	Conflict-Free processor	×
	•	Battery	
Network		Number of battery cells	6
Networking features	Gigabit Ethernet, WLAN		
B1		Power	
Bluetooth	<b>✓</b>	Power  AC adapter power	120 W
Bluetooth  Ports & interfaces	•	AC adapter power	120 W 100 - 240 V
Ports & interfaces USB 2.0 ports quantity *	3		
Ports & interfaces USB 2.0 ports quantity * eSATA ports quantity	3 1	AC adapter power AC adapter input voltage DC-in jack	100 - 240 V
Ports & interfaces USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports	3 1 1	AC adapter power AC adapter input voltage DC-in jack Weight & dimensions	100 - 240 V ✓
Ports & interfaces USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity *	3 1 1	AC adapter power AC adapter input voltage DC-in jack Weight & dimensions Width	100 - 240 V ✓ 395 mm
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity  Ethernet LAN (RJ-45) ports  HDMI ports quantity *  DVI port	3 1 1 1	AC adapter power AC adapter input voltage DC-in jack Weight & dimensions Width Depth	100 - 240 V ✓  395 mm  278 mm
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity *  DVI port  VGA (D-Sub) ports quantity	3 1 1 1 1 <b>x</b>	AC adapter power AC adapter input voltage DC-in jack Weight & dimensions Width	100 - 240 V ✓ 395 mm
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity  Ethernet LAN (RJ-45) ports  HDMI ports quantity *  DVI port	3 1 1 1	AC adapter power AC adapter input voltage DC-in jack Weight & dimensions Width Depth Height (front)	100 - 240 V ✓  395 mm  278 mm  2,65 cm
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports	3 1 1 1 1 <b>x</b> 1	AC adapter power AC adapter input voltage DC-in jack Weight & dimensions Width Depth Height (front) Height (rear)	100 - 240 V ✓  395 mm  278 mm  2,65 cm  3,5 cm
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs	3 1 1 1 1 <b>X</b> 1 1	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content	100 - 240 V ✓  395 mm  278 mm  2,65 cm  3,5 cm
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity  Ethernet LAN (RJ-45) ports  HDMI ports quantity *  DVI port  VGA (D-Sub) ports quantity  Firewire (IEEE 1394) ports  Headphone outputs  S/PDIF out port	3 1 1 1 1 <b>x</b> 1 1 1	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content  AC adapter included *	100 - 240 V ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in	3 1 1 1 1 X 1 1 1 1 X	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features	100 - 240 V ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector	3 1 1 1 1 1 X 1 1 1 1 X  ✓	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features  Wireless technology	100 - 240 V  ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg  ✓  802.11 a/g/n
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot	3 1 1 1 1 1 X 1 1 1 X  ✓	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features  Wireless technology Infrared data port	100 - 240 V  ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg  ✓  802.11 a/g/n  ×
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type	3 1 1 1 1 1 X 1 1 1 X  ✓ X ✓	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content  AC adapter included *  Other features  Wireless technology Infrared data port  Type	100 - 240 V  ✓  395 mm 278 mm 2,65 cm 3,5 cm 3,2 kg  ✓  802.11 a/g/n × PC
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot	3 1 1 1 1 1 X 1 1 1 X  ✓ X  ✓ X X	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features  Wireless technology Infrared data port Type TV-in port	100 - 240 V  ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg  ✓  802.11 a/g/n  × PC  ×
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports	3 1 1 1 1 1 X 1 1 1 X  ✓ X  ✓ X  X 1	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content  AC adapter included *  Other features  Wireless technology Infrared data port  Type	100 - 240 V  ✓  395 mm 278 mm 2,65 cm 3,5 cm 3,2 kg  ✓  802.11 a/g/n × PC
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports TV-out  Performance	3 1 1 1 1 1 X 1 1 1 X	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features  Wireless technology Infrared data port Type TV-in port	100 - 240 V  ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg  ✓  802.11 a/g/n  × PC  ×
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * DVI port  VGA (D-Sub) ports quantity Firewire (IEEE 1394) ports Headphone outputs S/PDIF out port Microphone in Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Modem (RJ-11) ports TV-out  Performance Motherboard chipset	3 1 1 1 1 1 X 1 1 1 X  ✓ X  ✓ X  X 1	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features  Wireless technology Infrared data port Type TV-in port	100 - 240 V  ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg  ✓  802.11 a/g/n  × PC  ×
Ports & interfaces  USB 2.0 ports quantity * eSATA ports quantity  Ethernet LAN (RJ-45) ports  HDMI ports quantity *  DVI port  VGA (D-Sub) ports quantity  Firewire (IEEE 1394) ports  Headphone outputs  S/PDIF out port  Microphone in  Docking connector  ExpressCard slot  CardBus PCMCIA slot type  SmartCard slot  Modem (RJ-11) ports  TV-out  Performance	3 1 1 1 1 1 X 1 1 1 X	AC adapter power AC adapter input voltage DC-in jack  Weight & dimensions  Width Depth Height (front) Height (rear) Weight *  Packaging content AC adapter included *  Other features  Wireless technology Infrared data port Type TV-in port	100 - 240 V  ✓  395 mm  278 mm  2,65 cm  3,5 cm  3,2 kg  ✓  802.11 a/g/n  × PC  ×

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