



Lenovo Essential G780 Intel® Pentium® B970 Prijenosno računalo 43,9 cm (17.3") HD+ 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 7 Home Premium Smeđe

Brend : Lenovo

Obitelj proizvoda: Essential

Kod proizvoda: M842MUK

Ime proizvoda : G780

Lenovo Essential G780. Tip proizvoda: Prijenosno računalo, Veličina: Školjkasto. Porodica procesora: Intel® Pentium®, Model procesora: B970, Frekvencija procesora: 2,3 GHz. Dijagonalna monitora: 43,9 cm (17.3"), Tip HD-a: HD+, Razlučivost zaslona: 1600 x 900 pikseli. Interna memorija: 4 GB, Vrsta interne memorije: DDR3-SDRAM. Ukupni prostor za pohranu: 500 GB, Mediji za pohranu: HDD, Vrsta optičkog uređaja: DVD±RW. Instalirani operacijski sustav: Windows 7 Home Premium. Boja proizvoda: Smeđe



Design		Ports & interfaces	
Product type *	Laptop	SmartCard slot	✗
Product colour *	Brown	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	43.9 cm (17.3")	Software	
Display resolution *	1600 x 900 pixels	Operating system installed *	Windows 7 Home Premium
Touchscreen *	✗	Processor special features	
HD type	HD+	Intel® Wireless Display (Intel® WiDi)	✗
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✗
Processor		Intel® Anti-Theft Technology (Intel® AT)	✗
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor family *	Intel® Pentium®	Intel® Turbo Boost Technology	✗
Processor model *	B970	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor frequency *	2.3 GHz	Intel Clear Video Technology	✗
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	✗
Processor cache	2 MB	Intel® Insider™	✗
Processor cache type	L3	Intel® Quick Sync Video Technology	✗
Processor socket	Socket 988	Intel Flex Memory Access	✓
Processor lithography	32 nm	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor series	Intel Pentium B900 Series for Mobile	Intel Enhanced Halt State	✓
Processor codename	Sandy Bridge	Intel VT-x with Extended Page Tables (EPT)	✗
Bus type	DMI	Intel Demand Based Switching	✗
FSB Parity	✗		
Stepping	Q0		
Thermal Design Power (TDP)	35 W		
Tjunction	85 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Number of processors supported	1		

Processor		Processor special features	
CPU multiplier (bus/core ratio)	23	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	37.5x37.5 (rPGA988B)
Maximum internal memory *	8 GB	Supported instruction sets	SSE4.1, SSE4.2
Storage		Processor code	SR0J2
Total storage capacity *	500 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	32 nm
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD interface	SATA II	Intel Virtualization Technology (VT-x)	✗
HDD size	2.5"	Intel Dual Display Capable Technology	✓
Optical drive type *	DVD±RW	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	MMC, SD	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	63915
On-board graphics card *	✓	Conflict-Free processor	✗
On-board graphics card family	Intel® HD Graphics	Integrated 4G WiMAX	✗
On-board graphics card model *	Intel® HD Graphics	Battery	
On-board graphics card base frequency	650 MHz	Number of battery cells	6
On-board graphics card dynamic frequency (max)	1150 MHz	Battery life (max)	5 h
Audio		Power	
Audio system	HD	DC-in jack	✓
Built-in speaker(s)	✓	Security	
Number of built-in speakers	2	Cable lock slot	✓
Speaker power	1.5 W	Weight & dimensions	
Built-in microphone	✓	Width	416 mm
Network		Depth	273 mm
Wi-Fi	✓	Height (front)	3.61 cm
Networking features	Fast Ethernet	Height (rear)	4.49 cm
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Width (imperial)	41.6 cm (16.4")
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth (imperial)	27.2 cm (10.7")
Ethernet LAN	✓	Height (front) (imperial)	3.61 cm (1.42")
Ethernet LAN data rates	10,100 Mbit/s	Height (rear) (imperial)	4.5 cm (1.77")
Bluetooth	✗	Weight *	3 kg
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab	Packaging content	
Ports & interfaces		AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Cables included	AC
HDMI ports quantity *	1	Manual	✓
DVI port	✗	Quick start guide	✓
VGA (D-Sub) ports quantity	1	Other features	
Headphone outputs	1	Infrared data port	✗
S/PDIF out port	✗	Graphics card family	Intel
Microphone in	✓	Compatible operating systems	Windows 8 Windows 7 Home Premium
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		

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