



## HP 250 G1 Notebook-PC Intel® Pentium® B960 Laptop 39,6 cm (15.6") HD 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 8 Black

Brand : HP

Product code: H6E20EA#ABH

Product name : 250 G1 Notebook-PC

HP 250 G1 Notebook PC

HP 250 G1 Notebook-PC. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®, Processor model: B960, Processor frequency: 2,2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. Operating system installed: Windows 8. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	ExpressCard slot	×
Product colour *	Black	CardBus PCMCIA slot type	×
Form factor *	Clamshell	SmartCard slot	×
Country of origin	China		
Display		Performance	
Display diagonal *	39,6 cm (15.6")	Motherboard chipset	Intel® HM70 Express
Display resolution *	1366 x 768 pixels		
Touchscreen *	×	Keyboard	
HD type	HD	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	×
Native aspect ratio	16:9	Full-size keyboard	✓
Processor		Keyboard layout	QWERTY
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Pentium®	Operating system architecture	64-bit
Processor model *	B960	Operating system installed *	Windows 8
Processor cores	2	Processor special features	
Processor threads	2	Intel® Wireless Display (Intel® WiDi)	×
Processor frequency *	2,2 GHz	Intel® My WiFi Technology (Intel® MWT)	×
System bus rate	5 GT/s	Intel® Anti-Theft Technology (Intel® AT)	×
Processor cache	2 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	×
Processor cache type	L3	Intel® Turbo Boost Technology	×
Processor socket	Socket 988	Intel® Small Business Advantage (Intel® SBA)	×
Processor lithography	32 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Processor series	Intel Pentium B900 Series for Mobile	Intel Clear Video Technology	×
Processor codename	Sandy Bridge	Intel® InTru™ 3D Technology	×
Bus type	DMI		
FSB Parity	×		
Stepping	Q0		
Thermal Design Power (TDP)	35 W		
Tjunction	85 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Insider™	✗
PCI Express slots version	2.0	Intel® Quick Sync Video Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Flex Memory Access	✓
CPU multiplier (bus/core ratio)	22	Intel® AES New Instructions (Intel® AES-NI)	✗
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✓
Internal memory *	4 GB	Intel VT-x with Extended Page Tables (EPT)	✗
Internal memory type	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	6 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	500 GB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	37.5x37.5 (rPGA988B)
Total HDDs capacity	500 GB	Supported instruction sets	SSE4.1, SSE4.2
Number of HDDs installed	1	Processor code	SR07V
HDD capacity	500 GB	CPU configuration (max)	1
HDD interface	SATA	Embedded options available	✗
HDD speed	5400 RPM	Graphics & IMC lithography	32 nm
Optical drive type *	DVD Super Multi DL	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✗
Compatible memory cards	SD	Intel Dual Display Capable Technology	✓
Graphics		Intel FDI Technology	✓
Discrete graphics card model *	Not available	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✓
Discrete graphics card *	✗	Processor ARK ID	59836
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✗
On-board graphics card model *	Intel® HD Graphics	Integrated 4G WiMAX	✗
On-board graphics card base frequency	650 MHz	Battery	
On-board graphics card dynamic frequency (max)	1100 MHz	Battery technology	Lithium-Ion (Li-Ion)
Audio		Number of battery cells	6
Audio system	HD	Battery capacity *	47 Wh
Number of built-in speakers	1	Power	
Speakers manufacturer	Altec Lansing	AC adapter power	65 W
Built-in microphone	✓	DC-in jack	✓
Camera		Security	
Front camera	✓	Cable lock slot	✗
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	ENERGY STAR
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Weight & dimensions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	376 mm
Ethernet LAN	✓	Depth	247 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height	35,8 mm
Bluetooth	✓	Weight *	2,45 kg
Bluetooth version	4.0	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	3	Other features	
Ethernet LAN (RJ-45) ports	1	3D	✗
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		

Ports & interfaces

Microphone in	✓
Docking connector	✗

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