HP

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 name : 250 G1 Notebook-PC

Product code: H6E20EA#ABH

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

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Country of origin	China

Display

Display diagonal *	39,6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
HD type	HD
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Pentium®
Processor model *	B960
Processor cores	2
Processor threads	2
Processor frequency *	2,2 GHz
System bus rate	5 GT/s
Processor cache	2 MB
Processor cache type	L3
Processor socket	Socket 988
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Pentium B900 Series for Mobile
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✗
Stepping	Q0
Thermal Design Power (TDP)	35 W
Tjunction	85 °C

Ports & interfaces

ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗

Performance

Motherboard chipset	Intel® HM70 Express

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Full-size keyboard	✔
Keyboard layout	QWERTY

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗
Intel® My WiFi Technology (Intel® MWT)	✗
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Turbo Boost Technology	✗
Intel® Small Business Advantage (Intel® SBA)	✗
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✗

Processor

Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	22
ECC supported by processor	✗

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory slots	2x SO-DIMM
Maximum internal memory *	6 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Total HDDs capacity	500 GB
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	DVD Super Multi DL
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✗
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1100 MHz

Audio

Audio system	HD
Number of built-in speakers	1
Speakers manufacturer	Altec Lansing
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✗

Processor special features

Intel® Insider™	✗
Intel® Quick Sync Video Technology	✗
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✗
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5x37.5 (rPGA988B)
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SR07V
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	32 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Virtualization Technology (VT-x)	✗
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	59836
Conflict-Free processor	✗
Integrated 4G WiMAX	✗

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity *	47 Wh

Power

AC adapter power	65 W
DC-in jack	✔

Security

Cable lock slot	✗

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	376 mm
Depth	247 mm
Height	35,8 mm
Weight *	2,45 kg

Packaging content

AC adapter included *	✔

Other features

3D	✗

Ports & interfaces

Microphone in	✔
Docking connector	✘