



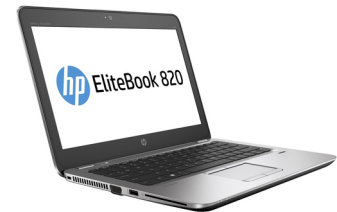
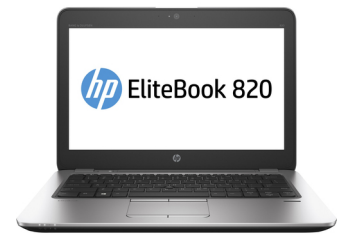
HP EliteBook 820 G2 Intel® Core™ i5 i5-5200U Laptop 31,8 cm (12.5") HD 8 GB DDR3L-SDRAM 256 GB SSD Windows 7 Professional Schwarz, Silber

Marke : HP

Produktfamilie: EliteBook

Artikel-Code: F6N29AV

Produktname : 820 G2



HP EliteBook 820 G2. Produkttyp: Laptop, Formfaktor: Klappgehäuse. Prozessorfamilie: Intel® Core™ i5, Prozessor: i5-5200U, Prozessor-Taktfrequenz: 2,2 GHz. Bildschirmdiagonale: 31,8 cm (12.5"), HD-Typ: HD, Display-Auflösung: 1366 x 768 Pixel. Speicherkapazität: 8 GB, Interner Speichertyp: DDR3L-SDRAM. Gesamtspeicherkapazität: 256 GB, Speichermedien: SSD. Eingebautes Grafikkartenmodell: Intel® HD Graphics 5500. Installiertes Betriebssystem: Windows 7 Professional. Produktfarbe: Schwarz, Silber

Design		Keyboard	
Product type *	Laptop	Numeric keypad *	✗
Product colour *	Black, Silver	Keyboard backlit	✓
Form factor *	Clamshell	Island-style keyboard	✓
Country of origin	China	Spill-resistant keyboard	✓
Display		Software	
Display diagonal *	31.8 cm (12.5")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Drivers included	✓
Touchscreen *	✗	Operating system installed *	Windows 7 Professional
HD type	HD	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Display surface	Matt	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	5th gen Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor model *	i5-5200U	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	2	Intel Clear Video Technology	✓
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	2.7 GHz	Intel® Insider™	✓
Processor frequency *	2.2 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Processor socket	BGA 1168	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel® Core™ i5-5200 Mobile Series		
Processor codename	Broadwell		
Bus type	DMI2		
Stepping	F0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-down	7.5 W		

Processor		Processor special features	
Configurable TDP-down frequency	0.6 GHz	Intel® Secure Key	✓
Tjunction	105 °C	Intel® OS Guard	✓
Maximum number of PCI Express lanes	12	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
PCI Express slots version	2.0	Intel 64	✓
PCI Express configurations	4x1, 2x4	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	8 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3L-SDRAM	Processor package size	40 x 24 x 1.3 mm
Memory clock speed	1600 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory form factor	SO-DIMM	Processor code	SR23Y
Memory layout (slots x size)	1 x 8 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	16 GB	Graphics & IMC lithography	14 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	256 GB	Intel Identity Protection Technology version	1.00
Storage media *	SSD	Intel Smart Response Technology version	1.00
Number of SSDs installed	1	Intel Secure Key Technology version	1.00
SSD capacity	256 GB	Intel Small Business Advantage (SBA) version	1.00
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	SD, SDHC, SDXC	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	85212
Discrete graphics card model *	Not available	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Battery technology	Lithium Polymer (LiPo)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	3
On-board graphics card model *	Intel® HD Graphics 5500	Power	
On-board graphics card base frequency	300 MHz	AC adapter power	45 W
On-board graphics card dynamic frequency (max)	900 MHz	DC-in jack	✓
Maximum on-board graphics card memory	16 GB	Security	
On-board graphics card DirectX version	11.2	Cable lock slot	✓
On-board graphics card ID	0x1616	Trusted Platform Module (TPM)	✓
Audio		Weight & dimensions	
Number of built-in speakers	2	Width	310 mm
Camera		Depth	215 mm
Front camera	✗	Height	21 mm
Network		Weight *	1.34 kg
Ethernet LAN	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter included *	✓
Ports & interfaces		Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Quick start guide	✓
Ethernet LAN (RJ-45) ports	1	Warranty card	✓
DisplayPorts quantity	1	Power cord included	✓
DVI port	✗	Other features	
VGA (D-Sub) ports quantity	1	Intel segment tagging	Enterprise
Combo headphone/mic port	✓		
Docking connector	✓		
Keyboard			
Pointing device	Touchpad		

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