

HP EliteBook 820 G3 (T9X45EA#UUG)

Intel Core i5-6300U (2.4GHz, 2 Cores), 31,75 cm (12.5 ") (1366 x 768), 8GB DDR3L-SDRAM 1600MHz (1 x 8), 256GB SATA SSD, Intel HD Graphics 520, WLAN 802.11a/ac/b/g/n, Bluetooth 4.2, Windows 7 Professional 64-bit



Price details:

Price excl. VAT: 1,574.46 €

Eco fees: 0.19 €

VAT 21 %: 330.68 €

Product details:

Product code: T9X45EA#UUG

EAN: 0889899438350

Manufacturer: HP

1,905.33 €

* VAT included

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Now employees can hit the road with a travel-ready companion. The HP EliteBook 820 thin and light notebook is ultra-mobile in and out of the office. Work with confidence thanks to proven enterprise technologies, security, performance, and management features that will meet all your enterprise's needs.

Windows 7 Professional

Portable powerhouse

- The HP EliteBook 820 with a starting weight of less than 1,36 kg/3 lbs is ideal for travel and use in enterprise environments. Stay productive with Windows 8.11 and powerful 5th Gen Intel® Core processors.

Equipped for productivity

- Leave dongles behind with a drop-jaw Ethernet port, VGA port, and DisplayPort for key connections to all your devices. Stay connected with co-workers and customers with HP Connection Manager3 and optional Qualcomm® Gobi 4G LTE.

Road ready

- Never fear bumps and minor spills. The thin, light, and stylish HP EliteBook 820 endures HP's Total Test Process and passes rigorous MIL-STD 810G testing.

Solid security and manageability

- All the features IT expects including an expanded security portfolio and manageability tools to fulfill the needs for your business.

Featuring

The simplicity of touch

- Enjoy the intuitive control of Windows 8.1 and impressive clarity of the optional FHD touchscreen featuring tough Corning® Gorilla® Glass 3.

Storage options galore

- The latest storage options, including PCIe SSD, ensure optimum performance from your HP EliteBook.

Effortless manageability

- Enjoy easy integration with HP Touchpoint Manager,7 HP Client Management Solutions, and Intel® vPro technology.

Customized protection

- HP BIOSphere keeps mission-critical data and systems protected with customizable security.

Self-healing safeguard

- HP Sure Start detects corruption and self-heals the BIOS.

Expand your view

- Stay productive throughout the day with the optional HP UltraSlim Docking Station.

Main specifications:

Design

Colour of product:	Silver
Product type:	Notebook
Form factor:	Clamshell
Intel segment tagging:	Enterprise

Display

Display diagonal:	12.5 "
Display resolution:	1366 x 768 pixels
Touchscreen:	N
LED backlight:	Y
HD type:	HD
Display surface:	Matt
Aspect ratio:	16:9

Processor

Processor frequency:	2.4 GHz
Processor family:	Intel Core i5-6xxx
Processor model:	i5-6300U
Processor boost frequency:	3 GHz
Processor cores:	2
Processor threads:	4
System bus rate:	4 GT/s
Processor cache:	3 MB
Processor socket:	LGA 1356 (Socket B2)
Processor cache type:	Smart Cache
Processor lithography:	14 nm
Processor operating modes:	64-bit
Stepping:	D1
Bus type:	QPI
Processor codename:	Skylake
Thermal Design Power (TDP):	15 W
Processor series:	Intel Core i5-6300 Mobile series
Maximum number of PCI Express lanes:	12
PCI Express slots version:	3.0
PCI Express configurations:	1x4,4x1
Tjunction:	100 °C
Configurable TDP-down frequency:	800 MHz
Conflict Free processor:	Y
ECC supported by processor:	N

Memory

Internal memory:	8 GB
Internal memory type:	DDR3L-SDRAM
Maximum internal memory:	16 GB
Memory clock speed:	1600 MHz
Memory layout (slots x size):	1 x 8 GB
Memory slots:	2x SO-DIMM
Memory form factor:	SO-DIMM

Storage

Total storage capacity:	256 GB
Storage media:	SSD
Card reader integrated:	Y
Number of SSDs installed:	1
Solid-state drive capacity:	256 GB
Solid-state drive interface:	Serial ATA
Compatible memory cards:	SD,SDHC,SDXC

Graphics

On-board graphics adapter:	Y
Discrete graphics adapter:	N
On-board graphics adapter model:	Intel HD Graphics 520
Discrete graphics adapter model:	Not available

On-board graphics adapter family: Intel HD Graphics
On-board graphics adapter base frequency: 300 MHz
On-board graphics adapter dynamic frequency: 1000 MHz
Maximum on-board graphics adapter memory: 1.74 GB
Number of displays supported (on-board graphics): 1
On-board graphics adapter DirectX version: 12
On-board graphics adapter OpenGL version: 4.4
On-board graphics adapter ID: 1916

Audio

Number of built-in speakers: 2
Built-in microphone: Y

Camera

Front camera: Y

Optical drive

Optical drive type: N

Networking

Bluetooth: Y
3G: N
4G: N
Wi-Fi: Y
Wi-Fi standards: IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11a, IEEE 802.11ac
Ethernet LAN: Y
Bluetooth version: 4.2

Ports & interfaces

USB 3.0 (3.1 Gen 1) Type-A ports quantity: 2
DisplayPorts quantity: 1
USB 3.0 (3.1 Gen 1) Type-C ports quantity: 1
VGA (D-Sub) ports quantity: 1
DVI port: N
Ethernet LAN (RJ-45) ports: 1
Microphone in: N
Combo headphone/mic port: Y
Docking connector: Y
DC-in jack: Y
ExpressCard slot: N
CardBus PCMCIA slot type: N
SmartCard slot: N
USB Sleep-and-Charge: Y
USB Sleep-and-Charge ports: 1

Keyboard

Numeric keypad: N
Pointing device: Touchpad
Full-size keyboard: Y
Windows keys: Y
Spill resistant keyboard: Y
Keyboard backlit: Y
Island-style keyboard: Y

Software

Operating system installed: Windows 7 Professional
Operating system architecture: 64-bit

Processor special features

Intel® Wireless Display (Intel® WiDi): Y
Intel® My WiFi Technology (Intel® MWT): Y
Intel® Smart Response Technology: Y
Intel® vPro® Technology: Y
Intel® Hyper Threading Technology (Intel® HT Technology): Y
Intel® Turbo Boost Technology: 2.0
Intel® Small Business Advantage (Intel® SBA): Y
Enhanced Intel SpeedStep Technology: Y
Intel® Clear Video HD Technology (Intel® CVT™ HD): Y
Intel Clear Video Technology: Y
Intel® InTru™ 3D Technology: Y
Intel® Insider™ Technology: Y

Intel® Quick Sync Video Technology:	Y
Intel Flex Memory Access:	Y
Intel® Smart Cache:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel Stable Image Platform Program (SIPP):	Y
Intel® OS Guard:	Y
Intel Software Guard Extensions (Intel SGX):	1
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	Y
Intel 64:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Processor package size:	42 mm
Supported instruction sets:	SSE4.1,SSE4.2,AVX 2.0
Processor code:	SR2F0
CPU configuration (max):	1
Embedded options available:	Y
Graphics & IMC lithography:	14 nm
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel Smart Response Technology version:	1.00
Intel Stable Image Platform Program (SIPP) version:	1.00
Intel Secure Key Technology version:	1.00
Intel Small Business Advantage (SBA) version:	1.00
Intel TSX-NI version:	1.00
Intel Virtualization Technology (VT-x):	Y
Processor ARK ID:	88190

Battery

Battery technology:	Lithium Polymer (LiPo)
Number of battery cells:	3
Battery capacity (Watt hours):	44 Wh

Power

AC adapter power:	45 W
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Security

Cable lock slot:	Y
Fingerprint reader:	Y
Trusted Platform Module (TPM):	Y
Password protection:	Y
Password protection type:	Power on

Weight & dimensions

Weight:	1260 g
Width:	311 mm
Depth:	218.9 mm
Height:	18.9 mm

Packaging data

AC adapter included:	Y
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Certificates

Energy Star certified:	Y
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