

HP EliteBook 840 G3 (T9X69EA#ABB)

Intel Core i7-6500U, 8GB (1x8GB) DDR4-2133, 512GB SATA TLC SSD, 35.56 cm (14 ") FHD SVA AG 1920x1080 LED, Intel HD Graphics 520, Bang & Olufsen PLAY, Gigabit Ethernet, Wi-Fi 802.11a/b/g/n/ac, Bluetooth 4.2, VGA, DisplayPort, USB 3.0/USB Type-C, Windows 7 Professional 64 (downgrade via Windows 10 Pro 64)



Price details:

Price excl. VAT: 1,615.77 €

Eco fees: 0.19 €

VAT 21 %: 339.35 €

Product details:

Product code: T9X69EA#ABB

EAN: 0889899158647

Manufacturer: HP

PDF generated on: 13 December, 2017



1,955.31 €

* VAT included

Impressively thin and light, the HP EliteBook 840 empowers users to create, connect, and collaborate, using enterprise-class performance technology that helps keep you productive in and out of the office.

Portable powerhouse

- Combine high performance technology and long battery life with Windows 10 Pro, 6th Gen Intel® Core processors, and a PCIe Gen3 SSD.3 Drive performance with DDR4 memory, and dual storage options for your most demanding business applications and fast access to data.

Slim new design with all the right ports

- Connect to essential ports without the hassle of dongles. At just 18.9 mm, the ultraslim and light HP EliteBook 840 comes with VGA, Display Port, RJ-45, USB, USB-C, and enterprise docking capabilities.

Strong security, powerful manageability

- Protect, detect, and recover from malicious attacks with HP Sure Start with Dynamic Protection - the industry's first self-healing BIOS that monitors and corrects BIOS corruption every 15 minutes.

Designed for collaboration

- Replace your speaker phone with the HP EliteBook 840 with Audio by Bang & Olufsen plus HP Noise Reduction Software that provides a rich collaboration experience for applications like Skype for Business.

Main specifications:

Design

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

Display

Display diagonal:	14 "
Display resolution:	1920 x 1080 pixels
Touchscreen:	N
LED backlight:	Y
HD type:	Full HD
Display surface:	Matt
Aspect ratio:	16:9
Panel type:	SVA

Processor

Processor frequency:	2.5 GHz
Processor family:	Intel Core i7-6xxx
Processor model:	i7-6500U
Processor boost frequency:	3.1 GHz
Processor cores:	2
Processor threads:	4
System bus rate:	4 GT/s
Processor cache:	4 MB
Processor socket:	LGA 1356 (Socket B2)
Processor cache type:	Smart Cache
Motherboard chipset:	Intel SoC
Processor lithography:	14 nm
Processor operating modes:	64-bit
Stepping:	D1
Bus type:	OPI
Processor codename:	Skylake
Thermal Design Power (TDP):	15 W
Processor series:	Intel Core i7-6500 Mobile series
FSB Parity:	N
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:	DDR4-SDRAM
Maximum internal memory:	16 GB
Memory clock speed:	2133 MHz
Memory layout (slots x size):	1 x 8 GB
Memory slots:	2x SO-DIMM
Maximum internal memory (64-bit):	16 GB
Memory form factor:	SO-DIMM

Storage

Total storage capacity:	512 GB
Storage media:	SSD
Card reader integrated:	Y
Number of SSDs installed:	1
Solid-state drive capacity:	512 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 (max):	1050 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

Audio system:	Bang & Olufsen
Number of built-in speakers:	2
Speakers manufacturer:	Bang & Olufsen
Built-in microphone:	Y

Camera

Front camera:	Y
Front camera resolution:	1280 x 720 pixels

Optical drive

Optical drive type:	N
LightScribe:	N
Networking	
Bluetooth:	Y
3G:	N
4G:	N
Wi-Fi:	Y
Wi-Fi standards:	802.11a,802.11ac,802.11b,802.11g,802.11n
Ethernet LAN:	Y
Ethernet LAN data rates:	10,100,1000 Mbit/s
Bluetooth version:	4.2
WWAN:	N
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
Headphone outputs:	1
S/PDIF out port:	N
Combo headphone/mic port:	Y
Docking connector:	Y
DC-in jack:	Y
ExpressCard slot:	N
CardBus PCMCIA slot type:	N
SmartCard slot:	Y
Keyboard	
Numeric keypad:	N
Pointing device:	Touchpad
Full-size keyboard:	Y
Spill resistant keyboard:	Y
Keyboard backlit:	Y
Island-style keyboard:	Y
Software	
Operating system installed:	Windows 7 Professional
Operating system architecture:	64-bit
Recovery operating system:	Windows 10 Pro
Processor special features	
Intel® Wireless Display (Intel® WiDi):	Y
Intel® My WiFi Technology (Intel® MWT):	Y
Intel Smart Connect Technology:	N
Intel® Anti-Theft Technology (Intel® AT):	N
Intel® Rapid Start Technology:	N
Intel® Smart Response Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	N
Intel® vPro® Technology:	N
Intel® Hyper Threading Technology (Intel® HT Technology):	2.0
Intel® Turbo Boost Technology:	2.0
Intel® Small Business Advantage (Intel® SBA):	Y
Intel® Matrix Storage Technology (Intel® MST):	N
Intel® High Definition Audio (Intel® HD Audio):	N
Intel® Active Management Technology (Intel® AMT):	N
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®:	Y
Intel® Quick Sync Video Technology:	Y
Intel Flex Memory Access:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	N
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	N

Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel Stable Image Platform Program (SIPP):	N
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:	SR2EZ
CPU configuration (max):	1
Embedded options available:	N
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:	0.500
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
Intel Dual Display Capable Technology:	N
Intel FDI Technology:	N
Intel Rapid Storage Technology:	N
Intel Fast Memory Access:	N
Processor ARK ID:	88194

Battery

Battery technology:	Lithium Polymer (LiPo)
Number of battery cells:	3
Battery capacity (Watt hours):	46 Wh

Power

AC adapter power:	45 W
AC adapter frequency:	50/60 Hz
AC adapter input voltage:	100 - 240 V
AC adapter output voltage:	19 V
Power auto-sensing:	Y

Security

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

Weight & dimensions

Weight:	1540 g
Width:	338 mm
Depth:	237 mm
Height:	18.9 mm

Packaging data

Manual:	Y
Quick start guide:	Y
AC adapter included:	Y
Warranty card:	Y
Power cord included:	Y

Operational conditions

Operating temperature (T-T):	5 - 35 °C
Storage temperature (T-T):	-15 - 60 °C
Operating relative humidity (H-H):	10 - 80 %
Storage relative humidity (H-H):	10 - 90 %
Operating altitude:	0 - 3050 m
Non-operating altitude:	0 - 4570 m
Operating shock:	40 G
Non-operating shock:	240 G

Operating vibration:	1.043 G
Non-operating vibration:	3.5 G

Certificates

Energy Star certified:	Y
Wi-Fi certified:	Y
RoHS compliance:	Y
EPEAT compliance:	Silver

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