

## 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: 0.36 €

VAT 21 %: 339.39 €

### Product details:

Product code: T9X69EA#ABB

EAN: 0889899158647

Manufacturer: HP

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**1,955.52 €**

\* 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 form factor:	SO-DIMM
Memory layout (slots x size):	1 x 8 GB
Memory slots:	2x SO-DIMM
Maximum internal memory (64-bit):	16 GB

#### 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
<b>Networking</b>	
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
<b>Ports &amp; interfaces</b>	
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2
USB 3.0 (3.1 Gen 1) Type-C ports quantity:	1
DisplayPorts 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
<b>Keyboard</b>	
Numeric keypad:	N
Pointing device:	Touchpad
Full-size keyboard:	Y
Spill resistant keyboard:	Y
Keyboard backlit:	Y
Island-style keyboard:	Y
<b>Software</b>	
Operating system installed:	Windows 7 Professional
Operating system architecture:	64-bit
Recovery operating system:	Windows 10 Pro
<b>Processor special features</b>	
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

#### 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

#### Weight & dimensions

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

Height: 18.9 mm

Packaging content

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