

## HP ZBook 17 G3 (T7V69EA#UUG)

Intel Core i7-6820HQ (2.7GHz, 8MB), 43.942 cm (17.3 ") FHD UWVA IPS anti-glare LED (1920 x 1080), 32GB (2 x 16GB) DDR4 SDRAM, 256GB HP Z Turbo Drive G2 PCIe, Intel HD Graphics 530, 802.11ac, Bluetooth 4.2, webcam, Windows 7 Professional 64 / Windows 10 Pro 64

### Price details:

Price excl. VAT: 3,231.63 €

Eco fees: 0.12 €

VAT 21 %: 678.67 €

### Product details:

Product code: T7V69EA#UUG

EAN: 0889899632802

Manufacturer: HP

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**3,910.42 €**

\* VAT included

Wish you could take your desktop workstation on the road with you? The HP ZBook 17 offers HP's ultimate in power plus portability with a 43,9 cm (17.3") diagonal screen, massive scalability and configurability, and all the latest power-packed features.

#### Carry it with confidence

- Push the boundaries of performance without pushing the boundaries of portability. HP's biggest and most powerful mobile workstation just got 25% thinner and 11% lighter than the previous generation, with a stunning magnesium aluminum facelift.

#### Create your ideal workstation

- Enjoy Intel® Xeon® processor options, up to 64 GB ECC memory, dual 1 TB HP Z Turbo Drive G2 for up to 4 TB of total storage, dual Thunderbolt 3, and optional HP DreamColor UHD or FHD touch displays.

#### Defined by HP Z DNA

- Work confidently with HP mobile workstations designed around 30 years of HP Z DNA with extensive ISV certification. It's reliable, designed to pass MIL-STD 810G testing, and endure 120K hours of testing in HP's Total Test Process.

### Main specifications:

#### Design

Colour of product:	Black
Product type:	Mobile workstation
Form factor:	Clamshell

#### Display

Display diagonal:	17.3 "
Display resolution:	1920 x 1080 pixels
Touchscreen:	N
LED backlight:	Y
HD type:	Full HD
Aspect ratio:	16:9

#### Processor

Processor frequency:	2.7 GHz
Processor family:	Intel Core i7-6xxx
Processor model:	i7-6820HQ
Processor boost frequency:	3.6 GHz
Processor cores:	4

Processor threads:	8
System bus rate:	8 GT/s
Processor cache:	8 MB
Processor socket:	BGA 1440
Processor cache type:	Smart Cache
Motherboard chipset:	Intel CM236
Processor lithography:	14 nm
Processor operating modes:	64-bit
Stepping:	R0
Bus type:	DMI3
Processor codename:	Skylake
Thermal Design Power (TDP):	45 W
Processor series:	Intel Core i7-6800 Mobile series
FSB Parity:	N
Maximum number of PCI Express lanes:	16
PCI Express slots version:	3.0
PCI Express configurations:	1x16,2x8,1x8+2x4
Tjunction:	100 °C
Conflict Free processor:	Y
ECC supported by processor:	N

#### Memory

Internal memory:	32 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	64 GB
Memory clock speed:	2133 MHz
Memory layout (slots x size):	2 x 16 GB
Memory slots:	4x 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:	PCI Express
Compatible memory cards:	SD

#### Graphics

On-board graphics adapter:	Y
Discrete graphics adapter:	N
On-board graphics adapter model:	Intel HD Graphics 530
Discrete graphics adapter model:	Not available
On-board graphics adapter family:	Intel HD Graphics
On-board graphics adapter base frequency:	350 MHz
On-board graphics adapter dynamic frequency (max):	1050 MHz
Maximum on-board graphics adapter memory:	1.7 GB
Number of displays supported (on-board graphics):	2
On-board graphics adapter DirectX version:	12
On-board graphics adapter OpenGL version:	4.4
On-board graphics adapter ID:	0x191B

#### Audio

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

#### Camera

Front camera:	Y
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#### Optical drive

Optical drive type:	N
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#### Networking

Bluetooth:	Y
3G:	N
4G:	N
Wi-Fi:	Y
Wi-Fi standards:	IEEE 802.11ac
Ethernet LAN:	Y
Ethernet LAN data rates:	10,100,1000 Mbit/s

Bluetooth version: 4.2

#### Ports & interfaces

USB 3.0 (3.1 Gen 1) Type-A ports quantity: 4  
HDMI ports quantity: 1  
VGA (D-Sub) ports quantity: 1  
HDMI version: 1.4  
DVI port: N  
Ethernet LAN (RJ-45) ports: 1  
Thunderbolt 3 ports quantity: 2  
Combo headphone/mic port: Y  
Docking connector: N  
DC-in jack: Y

#### Keyboard

Numeric keypad: Y  
Pointing device: Touchpad  
Spill resistant 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® Anti-Theft Technology (Intel® AT): N  
Intel® Smart Response Technology: Y  
Intel® vPro® Technology: Y  
Intel® Hyper Threading Technology (Intel® HT Technology):  
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):  
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: Y  
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): Y  
Intel® OS Guard: Y  
Intel Software Guard Extensions (Intel SGX): 1  
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):  
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: SR2FU  
CPU configuration (max): 1  
Embedded options available: N  
Graphics & IMC lithography: 14 nm  
Intel Virtualization Technology for Directed I/O (VT-d):  
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  
Intel Dual Display Capable Technology: N

Intel FDI Technology:	N
Intel Rapid Storage Technology:	N
Intel Fast Memory Access:	N
Processor ARK ID:	88970

#### Battery

Battery technology:	Lithium-Ion (Li-Ion)
Number of battery cells:	6
Battery capacity (Watt hours):	96 Wh

#### Power

AC adapter power:	200 W
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#### Security

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

#### Weight & dimensions

Weight:	3000 g
Width:	420 mm
Depth:	280 mm
Height:	30 mm

#### Certificates

Energy Star certified:	Y
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