⊖T1A

T1A HP EliteBook 820 G3 Refurbished i5-6300U Notebook 31.8 cm (12.5") Full HD Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Silver

Brand : T1A   **Product code:** L-EB820G3-UK-T002

Product name : HP EliteBook 820 G3 Refurbished

- Windows 10 Pro 64-bit
- Intel Core i5-6300U (3MB Cache, 2.4GHz)
- 31.8 cm (12.5") Full HD 1920 x 1080
- 8GB (2133MHz) DDR4-SDRAM & 256GB SSD

Intel Core i5-6300U (3MB Cache, 2.4GHz), 8GB DDR4-SDRAM, 256GB SSD, 31.8 cm (12.5") Full HD 1920 x 1080, Intel HD Graphics 520, LAN, WLAN, Webcam, Windows 10 Pro 64-bit

T1A HP EliteBook 820 G3 Refurbished. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6300U, Processor frequency: 2.4 GHz. Display diagonal: 31.8 cm (12.5"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Pro. Product colour: Silver

Windows10

Design

Product type *	Notebook			
Product colour *	Silver			
Form factor *	Clamshell			
Market positioning	Business			
Refurbished	✔			

Display

Display diagonal *	31.8 cm (12.5")
Display resolution *	1920 x 1080 pixels
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor generation	6th gen Intel® Core™ i5
Processor model *	i5-6300U
Processor family *	Intel® Core™ i5
Processor frequency *	2.4 GHz
Processor boost frequency	3 GHz
Processor cores	2
Processor threads	4
System bus rate	4 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	LGA 1356 (Socket B2)
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel® Core™ i5-6300 Mobile Series
Processor codename	Skylake
Bus type	QPI
Stepping	D1
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2.5 GHz
Configurable TDP-up	25 W
Configurable TDP-down	7.5 W
Configurable TDP-down frequency	0.8 GHz

Keyboard

Pointing device	Touchpad
Keyboard language	UK English
Numeric keypad *	✘
Keyboard backlit	✔
Spill-resistant keyboard	✔

Software

Operating system architecture	64-bit
Windows 11 free upgrade	✘
Operating system installed *	Windows 10 Pro

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔

Processor

Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x4, 4x1

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	Intel® HD Graphics 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	1.74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1916

Audio

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

Camera

Front camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.2

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
DisplayPorts quantity	1
VGA (D-Sub) ports quantity	1
Combo headphone/mic port	✔

Processor special features

Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 X 24 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2F0
CPU configuration (max)	1
Embedded options available	✔
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
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)	✔
Processor ARK ID	88190
Conflict-Free processor	✔

Brand-specific features

HP speaker type	HP Dual Speakers
HP segment	Business

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	44 Wh

Power

AC adapter power	45 W

Security

Cable lock slot	✔
Trusted Platform Module (TPM)	✔

Weight & dimensions

Width	310 mm
Depth	218.9 mm
Height	18.9 mm
Weight *	1.26 kg

Ports & interfaces

Docking connector	✓
Charging port type	DC-in jack

5711603041196

5711603054196