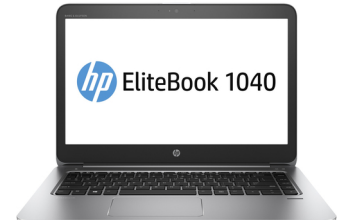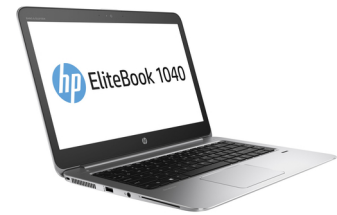# HP EliteBook Folio 1040 G3 Intel® Core™ i7 i7-6600U Ultrabook 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 7 Professional Silver

Brand : HP

Product family: EliteBook Folio

Product code: W2P40PA

Product name : 1040 G3

Intel Core i7-6600U (2.6GHz, 4MB cache), 14" SVA anti-glare (1920 x 1080), 8GB DDR4-2133 SDRAM, 256 GB M.2 SATA SSD, Intel HD Graphics 520, LAN, 802.11a/b/g/n/ac, Bluetooth 4.2, 720p HD webcam, Windows 7 Professional 64-bit

HP EliteBook Folio 1040 G3. Product type: Ultrabook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6600U, Processor frequency: 2,6 GHz. Display diagonal: 35,6 cm (14"), 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 7 Professional. Product colour: Silver

Design

Product type *	Ultrabook
Product colour *	Silver
Form factor *	Clamshell
Country of origin	China

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	SVA
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	6th gen Intel® Core™ i7
Processor model *	i7-6600U
Processor cores	2
Processor threads	4
Processor boost frequency	3,4 GHz
Processor frequency *	2,6 GHz
Processor cache	4 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 i7-6600 Mobile Series
Processor codename	Skylake
Bus type	OPI
FSB Parity	✗
Stepping	D1
Thermal Design Power (TDP)	15 W

Keyboard

Spill-resistant keyboard	✔

Software

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

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel Smart Connect Technology	✔
Intel® Anti-Theft Technology (Intel® AT)	✗
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® Built-in Visuals Technology	✔
Intel HD Graphics	✔
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)	✔

Processor

Configurable TDP-up frequency	2,8 GHz
Configurable TDP-up	25 W
Configurable TDP-down	7,5 W
Configurable TDP-down frequency	0,8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x4, 4x1
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory form factor	On-board

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
Solid-state drive capacity	256 GB
Solid-state drive interface	SATA
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

On-board graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1916
Graphics card Open GL support	✔

Audio

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

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Bluetooth	✔
Bluetooth version	4.2

Processor special features

Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
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	SR2F1
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)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	88192
Conflict-Free processor	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery capacity *	45 Wh

Power

AC adapter power	45 W
DC-in jack	✔

Security

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

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
HDMI ports quantity *	1
DVI port	✘
S/PDIF out port	✘
Microphone in	✘
Line-in	✘
Combo headphone/mic port	✔
Docking connector	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	337 mm
Depth	243,5 mm
Height	15,8 mm
Weight *	1,43 kg

Packaging content

AC adapter included *	✔