



HP EliteBook Revolve 810 G2 Intel® Core™ i7 i7-4600U Laptop 29,5 cm (11.6") Touchscreen 8 GB DDR3L-SDRAM 256 GB SSD Wi-Fi 4 (802.11n) Windows 7 Professional Silver

Brand : HP

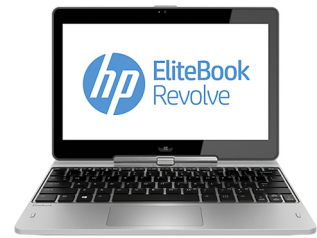
Product family: EliteBook Revolve

Product code: G5G54UC

Product name : 810 G2

Intel Core i7-4600U (2.1GHz, 4MB), 11.6" LED anti-glare HD UWVA Touch (1366 x 768), 8GB DDR3L SDRAM, 256GB M.2 SSD, Intel HD Graphics 4400, 802.11a/b/g/n, Bluetooth 4.0, webcam, Windows 7 Professional 64 / Windows 8.1 Pro 64

HP EliteBook Revolve 810 G2. Product type: Laptop, Form factor: Convertible (Swivel). Processor family: Intel® Core™ i7, Processor model: i7-4600U, Processor frequency: 2,1 GHz. Display diagonal: 29,5 cm (11.6"), Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 7 Professional. Product colour: Silver



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Silver	Recovery operating system	Windows 8.1 Pro
Form factor *	Convertible (Swivel)	Operating system installed *	Windows 7 Professional
Country of origin	China	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	29,5 cm (11.6")	Intel® My WiFi Technology (Intel® MWT)	✗
Display resolution *	1366 x 768 pixels	Intel Smart Connect Technology	✓
Touchscreen *	✓	Intel® Anti-Theft Technology (Intel® AT)	✓
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	4th gen Intel® Core™ i7	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor model *	i7-4600U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✗
Processor boost frequency	3,3 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,1 GHz	Intel® Insider™	✓
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	4 MB	Intel Flex Memory Access	✗
Processor cache type	Smart Cache	Intel® Smart Cache	✓
Processor socket	BGA 1168	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	22 nm	Intel Trusted Execution Technology	✓
Processor operating modes	64-bit	Intel Enhanced Halt State	✓
Processor series	Intel Core i7-4600 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	D0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	12	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	2.0	Intel Demand Based Switching	✗
PCI Express configurations	4x1, 2x4	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3L-SDRAM	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	256 GB	Idle States	✓
Storage media *	SSD	Thermal Monitoring Technologies	✓
Total SSDs capacity	256 GB	Processor package size	40 x 24 x 1.5 mm
Number of SSDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
SSD capacity	256 GB	Processor code	SR1EA
Optical drive type *	✗	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MicroSD (TransFlash)	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Smart Connect Technology version	1,00
Discrete graphics card model *	Not available	Intel Identity Protection Technology version	1,00
On-board graphics card *	✓	Intel Smart Response Technology version	1,00
Discrete graphics card *	✗	Intel Stable Image Platform Program (SIPP) version	1,00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1,00
On-board graphics card model *	Intel® HD Graphics 4400	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card base frequency	200 MHz	Intel ME Firmware Version	9.5
On-board graphics card dynamic frequency (max)	1100 MHz	Intel TSX-NI version	0,00
Maximum on-board graphics card memory	1,74 GB	Intel Virtualization Technology (VT-x)	✓
On-board graphics card DirectX version	11.2/12	Intel Dual Display Capable Technology	✗
On-board graphics card OpenGL version	4.3	Intel FDI Technology	✓
On-board graphics card ID	0xA16	Intel Rapid Storage Technology	✓
Audio		Intel Fast Memory Access	✗
Audio system	DTS Studio Sound	Processor ARK ID	76616
Number of built-in speakers	2	Conflict-Free processor	✓
Built-in microphone	✓	Battery	
Camera		Battery technology	Lithium Polymer (LiPo)
Front camera	✓	Number of battery cells	6
Network		Battery capacity *	44 Wh
Wi-Fi	✓	Power	
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	AC adapter power	45 W
Wi-Fi standards	802.11a, 802.11b, 802.11g	DC-in jack	✓
Ethernet LAN	✓	Security	
Bluetooth	✓	Cable lock slot	✓
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width	285 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	212 mm
Ethernet LAN (RJ-45) ports	1	Height	22,2 mm
DisplayPorts quantity	1	Weight *	1,4 kg
DVI port	✗	Other features	
S/PDIF out port	✗	LightScribe	✗
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✓		

Ports & interfaces

ExpressCard slot	×
CardBus PCMCIA slot type	×
SmartCard slot	×
Number of SATA III connectors	4

Performance

Motherboard chipset	Intel® QM87
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Keyboard

Pointing device	Touchpad
Numeric keypad *	×

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