



HP ProBook 640 G5 Intel® Core™ i5 i5-8365U Laptop 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver

Brand : HP

Product family: ProBook

Product code: 6ZV59AW

Product name : 640 G5

- Windows 10 Pro 64-bit
- Intel Core i5-8365U (6MB Cache, 1.6GHz)
- 35.6 cm (14") Full HD 1920 x 1080 IPS
- 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i5-8365U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, Intel UHD Graphics 620, LAN, WLAN, Bluetooth, HP Webcam, Windows 10 Pro 64-bit

HP ProBook 640 G5 Intel® Core™ i5 i5-8365U Laptop 35,6 cm (14") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver:

Everyday made special

The contemporary and purposeful design of the HP ProBook 640 compliments enterprise-grade performance, security, manageability all with flexible configuration options to suit the needs of a broad spectrum of users.



Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Silver	Bluetooth version	5.0
Form factor *	Clamshell	Ports & interfaces	
Market positioning	Business	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Country of origin	China	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	35,6 cm (14")	HDMI ports quantity *	1
Display resolution *	1920 x 1080 pixels	HDMI version	1.4
Touchscreen *	✗	VGA (D-Sub) ports quantity	1
HD type	Full HD	Combo headphone/mic port	✓
Panel type	IPS	Docking connector	✓
LED backlight	✓	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:9	USB Sleep-and-Charge	✓
Anti-glare screen	✓	USB Sleep-and-Charge ports	1
Display brightness	250 cd/m ²	Keyboard	
Display diagonal (metric)	35,6 cm	Keyboard special features	Spill-resistant
Dual-screen	✗	Pointing device	Clickpad
RGB colour space	NTSC	Numeric keypad *	✗
Colour gamut	45%	Keyboard backlit	✓
Processor		Full-size keyboard	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i5	Operating system architecture	64-bit
Processor generation	8th gen Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor model *	i5-8365U	Processor special features	
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	8	Intel® Smart Response Technology	✓
Processor boost frequency	4,1 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	1,6 GHz		
System bus rate	4 GT/s		
Processor cache	6 MB		
Processor cache type	L3		
Processor socket	BGA 1528		
Processor lithography	14 nm		

Processor		Processor special features	
Processor operating modes	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor codename	Whiskey Lake	Intel® Turbo Boost Technology	2.0
Thermal Design Power (TDP)	15 W	Enhanced Intel SpeedStep Technology	✓
Configurable TDP-up frequency	1,9 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Configurable TDP-up	25 W	Intel Clear Video Technology	✓
Configurable TDP-down	10 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down frequency	0,8 GHz	Intel Flex Memory Access	✓
Tjunction	100 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel® Secure Key	✓
Memory		Intel TSX-NI	✓
Internal memory *	8 GB	Intel Stable Image Platform Program (SIPP)	✓
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory clock speed	2400 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory layout (slots x size)	1 x 8 GB	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	Idle States	✓
Maximum internal memory *	32 GB	Thermal Monitoring Technologies	✓
ECC	✗	Processor package size	46x24 mm
Storage		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Total storage capacity *	256 GB	CPU configuration (max)	1
Storage media *	SSD	Embedded options available	✗
Total SSDs capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	256 GB	Processor ARK ID	193555
SSD memory type	TLC	Brand-specific features	
SSD interface	SATA III	HP speaker type	HP Dual Speakers
SSD form factor	M.2	HP Smart AC Adapter	✓
Optical drive type *	✗	HP front camera	HP Webcam
Card reader integrated	✓	HP segment	Business
Compatible memory cards	MicroSD (TransFlash)	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	Not available	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	48 Wh
Discrete graphics card *	✗	Power	
On-board graphics card family	Intel® UHD Graphics	AC adapter power	65 W
On-board graphics card model *	Intel® UHD Graphics 620	Security	
On-board graphics card base frequency	300 MHz	Password protection	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Sustainability	
Maximum on-board graphics card memory	32 GB	Sustainability certificates	ENERGY STAR
On-board graphics card DirectX version	12.0	Weight & dimensions	
On-board graphics card OpenGL version	4.5	Width	340 mm
On-board graphics card ID	0x3EA0	Depth	240 mm
Audio		Height	20,9 mm
Number of built-in speakers	2	Weight *	1,73 kg
Built-in microphone	✓	Packaging data	
Number of microphones	2	Package width	69 mm
Camera			
Front camera	✓		
Front camera signal format	720p		
Front camera HD type	HD		

Network		Packaging data	
Wi-Fi	✓	Package depth	483 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package height	305 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Packaging content	
Antenna type	2x2	AC adapter included *	✓
WLAN controller model	Intel Wi-Fi 6 AX200	Logistics data	
WLAN controller manufacturer	Intel	Harmonized System (HS) code	84713000
Ethernet LAN	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	3D	✗



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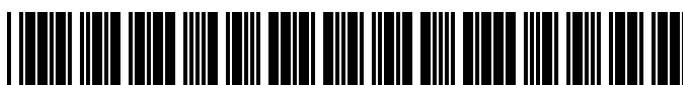
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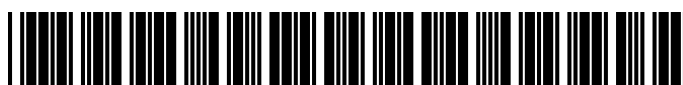
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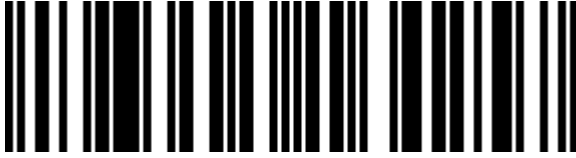
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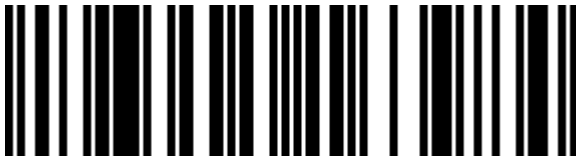
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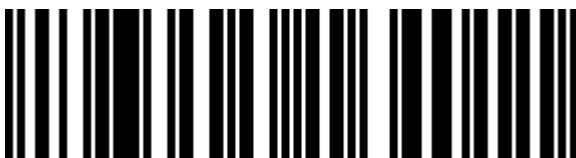
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