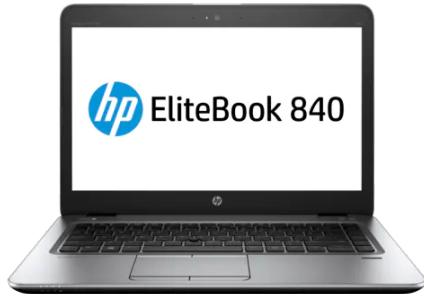# HP EliteBook 840 G3 Notebook PC Y3S31UC (Y3S31UC)

Overview

Thin, light, and ready to work

Impressively thin and light, the HP EliteBook 840 empowers users to create, connect, and collaborate, using enterprise-class performance technology that helps keep you productive in and out of the office.

Portable powerhouse

Combine high performance technology and long battery life with Windows 10 Pro,[1] 6th Gen Intel® Core™ processors,[2] and a PCIe Gen3 SSD[3]. Drive performance with up to 32 GB of DDR4 memory,[3] and dual storage options[3] for your most demanding business applications and fast access to data.

Security inside and out

HP helps protect you from malware and visual hacking. HP Sure Start with Dynamic Protection protects against BIOS attacks, and the optional HP Sure View integrated privacy screen[5] shields your screen from prying eyes with the touch of a button.

Slim new design with all the right ports

Connect to essential ports without the hassle of dongles. At just 18.9 mm, the ultraslim and light HP EliteBook 840 comes with VGA, Display Port, RJ-45, USB, USB-C™, and enterprise docking capabilities.

Designed for collaboration

Replace your speaker phone with the HP EliteBook 840 with Audio by Bang & Olufsen plus HP Noise Reduction Software that provides a rich collaboration experience for applications like Skype for Business.[3]

Features

Let nothing stand in your way

Power through your day with Windows 10 Pro[1] and the powerful, sleek, thin, and light HP EliteBook 840.

Keep visual hackers in the dark

Instantly protect against visual hacking with the optional HP Sure View[5] integrated privacy screen, featuring 3M privacy technology. At the touch of a button your screen appears dark to those around you while you see your content clearly.

Self-healing safeguard

HP Sure Start with Dynamic Protection checks your BIOS every 15 minutes to detect attacks and corruption then self-heals the BIOS automatically.

Give your fingers a break

Enjoy a remarkable balance of comfort and feedback with the HP Premium Keyboard engineered for accuracy.

Storage options galore

Get the speed and space you need without having to use external storage. Dual drive support options quickly boot, wake, and run your system on a fast SSD[3] and let you maintain access to your files with a high-capacity HDD.[3]

Field ready

Stand up to the workload with an EliteBook that passed MIL-STD 810G testing.[4]

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[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

[2] Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[3] Sold separately or as an optional feature.

Specifications

Operating system	Windows 10 Pro 64
Processor family	6th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-6300U with Intel HD Graphics 520 (2.4 GHz, up to 3 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores)
Processor technology	Intel® Core™ i5 with vPro™ technology
Chipset	Chipset is integrated with processor
Memory	8 GB DDR4-2133 SDRAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB M.2 SATA SSD
Hard drive (2nd)	128 GB M.2 SATA TLC SSD
Graphics	Integrated
Graphics (integrated)	Intel® HD Graphics 520
Display	14" diagonal HD SVA anti-glare slim LED-backlit (1366 x 768)[13]
Display size (diagonal)	35.56 cm (14")
Display size (diagonal)	14"
Audio	Audio by Bang & Olufsen; Integrated dual array microphone; Integrated premium speakers; HP Noise Reduction Software; HP Clear Sound Amp
Minimum dimensions (W x D x H)	33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)
Minimum dimensions (W x D x H)	13.3 x 9.3 x 0.74 in (non-touch); 13.3 x 9.3 x 0.8 in (touch)
Weight	Starting at 1.48 kg (non-touch); Starting at 1.7 kg (touch) *(Weight will vary by configuration.)*
Weight	Starting at 3.27 lb (non-touch); Starting at 3.75 lb (touch) *(Weight will vary by configuration.)*
Keyboard	Spill-resistant keyboard with drain
Pointing device	Touchpad with on/off button, two-way scroll, gestures, two pick buttons; Pointstick with two additional pointstick buttons; Image sensor touchpad
Camera	720p HD webcam
Ports	1 USB 3.0; 1 USB 3.0 charging; 1 USB Type-C™; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector
Expansion slots	1 media card reader; 1 external SIM *(Supports SD, SDHC, SDXC.)*
Power	HP Smart 65 W External AC power adapter
Ecolabels	ENERGY STAR® certified
Sustainable impact specifications	Low halogen

| Security management | Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint reader (optional)[20] |

Additional specifications

Accessories	HP Ultraslim Docking Station D9Y32AA; HP Conferencing Keyboard K8P74AA; HP UC Wired Headset K7V17AA; HP UC Speaker Phone K7V16AA; HP Comfort Grip Wireless Mouse H2L63AA
Country of origin	China
Datasheet publication number	4AA6-3222
Legal tagline	HP recommends Windows 11 Pro for business
MDA key selling point	Windows 10 Pro 64
Memory and storage	8 GB memory; 256 GB SSD storage; 128 GB SSD storage
Photo (product photo, jpg, 190x170)	Notebooks and Tablet PCs/HP-EliteBook-840-G3-Notebook-PC-APJ_190x170.jpg
Photo (product photo, jpg, 400x400)	Notebooks and Tablet PCs/HP-EliteBook-840-G3-Notebook-PC-APJ_400x400.jpg
Photo (product photo, jpg, 70x100)	Notebooks and Tablet PCs/HP-EliteBook-840-G3-Notebook-PC-APJ_70x100.jpg
Product brand name	HP
Quickspec	http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c04688005
Standard memory note	Transfer rates up to 2133 MT/s.
Storage type	SSD
UNSPSC code	43211503

[13] HD content required to view HD images.

[20] This product ships with TPM 1.2 with option to upgrade to TPM 2.0. Upgrade utility is expected to be available by the second half of 2016 via HP Customer Support.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

AC Adapters

HP 65W Smart AC Adapter	**H6Y89AA ★**
HP 45W Smart AC Adapter	H6Y88AA
HP 65W Slim AC Adapter	H6Y82AA
HP 7.4 mm to 4.5 DC Dongle	K0Q39AA
HP 90W Slim AC Adapter	H6Y83AA
HP 90W Smart AC Adapter	H6Y90AA

Security and Protection

PC Locks

HP Keyed Cable Lock 10 mm	**T1A62AA ★**	
HP Combination Lock	T0Y15AA	
HP Docking Station Cable Lock	AU656AA	
HP Essential Combination Lock	T0Y16AA	
HP Master Keyed Cable Lock 10mm	T1A63AA	obsolete
HP Master Keyed Docking Station Cable Lock	AY474AA	obsolete
HP Sure Key Cable Lock	6UW42AA	

Privacy Filter

HP 14-in Privacy Filter	J6E65AA

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	**T6L04AA ★**

Mice

HP Comfort Grip Wireless Mouse	**H2L63AA ★**
HP 3-button USB Laser Mouse	H4B81AA
HP Elite Presenter Mouse	2CE30AA
HP Wireless Premium Mouse	1JR31AA
HP X4000b Bluetooth Mouse	H3T50AA

USB Travel Mouse	G1K28AA

Keyboards

HP Wireless (Link-5) Keyboard	T6U20AA

Docking and Port Replicators

Docking Stations

HP UltraSlim Docking Station	**D9Y32AA ★**	
HP UltraSlim Docking Station	D9Y32UT	obsolete

Cases and Covers

Covers

HP 14.1 Business Sleeve	2UW01AA	obsolete

Cases

HP 17.3 Business Slim Top Load	2UW02AA	obsolete
HP Executive 14.1 Slim Top Load	6KD04AA	
HP Executive 14.1 Tote	6KD10AA	
HP Executive 15.6 Leather Top Load	6KD09AA	
HP Executive 15.6 Top Load	6KD06AA	
HP Executive 17.3 Top Load	6KD08AA	
HP Targus Evolution Plus Nylon Notebook Case	PE838A	

Backpacks

HP Executive 15.6 Backpack	6KD07AA
HP Executive 17.3 Backpack	6KD05AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DisplayPort To VGA Adapter	F7W97AA
HP DisplayPort to DVI Adapter	F7W96AA
HP DisplayPort to HDMI 1.4 Adapter	F3W43AA

Cable Adapters

HP USB-C to USB 3.0 Adapter	N2Z63AA

HP USB-C to USB-A Hub	Z6A00AA

Point of Sales System Options

POS Display Accessories

HP Engage One 10.1-inch Display	1XD80A7
HP Engage One 10.1-inch Display	1XD80AA
HP Engage One 10.1-inch Display	1XD81A7
HP Engage One 10.1-inch Touch Display	1XD81AA
HP Engage One W 10.1-inch Display	3FH66A7
HP Engage One W 10.1-inch Display	3FH66A8
HP Engage One W 10.1-inch Display	3FH66AA
HP Engage One W 10.1-inch Touch Display	3FH67A7
HP Engage One W 10.1-inch Touch Display	3FH67A8
HP Engage One W 10.1-inch Touch Display	3FH67AA
HP L5010ta	2KY27AA
HP L5015ta	2KY28AA
HP L5015tm 15-inch Retail Touch Monitor	M1F94A8
HP L5015tm 15-inch Retail Touch Monitor	M1F94AA
HP L7010t 10.1-inch Retail Touch Monitor	T6N30A8
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7014 14-inch Retail Monitor	T6N31A8
HP L7014 14-inch Retail Monitor	T6N31AA
HP L7014t 14-inch Retail Touch Monitor	T6N32A8
HP L7014t 14-inch Retail Touch Monitor	T6N32AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13A8
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA

PC Drives and Storage

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA

Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset	T1A66AA

Monitors

Business Monitors

★ : Recommended

EliteDisplays

HP EliteDisplay E243 23.8-inch Monitor	**1FH47AA ★**	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AS	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AT	
HP EliteDisplay E220t 21.5-inch Touch Monitor	L4Q76AA	obsolete
HP EliteDisplay E232 23-inch Monitor	M1N98AA	obsolete
HP EliteDisplay E233 23-inch Monitor	1FH46A7	
HP EliteDisplay E233 23-inch Monitor	1FH46AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76U9	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A7	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A8	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AS	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AT	
HP EliteDisplay E243m 23.8-inch Monitor Head Only	1FH48U9	
HP EliteDisplay E273m 27-inch Monitor	1FH51A7	
HP EliteDisplay E273m 27-inch Monitor	1FH51A8	
HP EliteDisplay E273m 27-inch Monitor	1FH51AA	
HP EliteDisplay E273m 27-inch Monitor	1FH51AS	
HP EliteDisplay E273m 27-inch Monitor	1FH51AT	
HP EliteDisplay E273m 27-inch Monitor Head Only	1FH51U9	
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA	

E-Series

HP E24d G4 FHD USB-C Docking Monitor	**6PA50A8 ★**
HP E14 G4 Portable Monitor	1B065AA
HP E22 G4 FHD Monitor	9VH72AA

HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G4 FHD No Stand(Bulk2) Monitor	3R473AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT
HP E24d G4 FHD USB-C Docking Monitor	6PA50U9
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27 G4 FHD Monitor	9VG71AA
HP E27d G4 QHD USB-C Docking Monitor	6PA56A8
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

Z Displays

HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z31x Studio Display	Z4Y82A4
HP DreamColor Z31x Studio Display	Z4Y82AT
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z32 31.5-inch 4K UHD Display	1AA81A7
HP Z32 31.5-inch 4K UHD Display	1AA81A8
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z38c 37.5-inch Curved Display	Z4W65A8
HP Z38c 37.5-inch Curved Display	Z4W65AT
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z43 42.5-inch 4K UHD Display	1AA85A8

Healthcare Edition Displays

HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA

ProDisplays

HP Mini-in-One 24 Display	7AX23AA
HP Mini-in-One 24 Display	7AX23AT
HP Mini-in-One 24 Display	7AX23U9

Business LCD Monitors

HP P174 17-inch Monitor	5RD64AA
HP P204v 19.5-inch Monitor	5RD66A7
HP P204v 19.5-inch Monitor	5RD66AA

P-Series

HP P19b G4 Monitor	9TY83AA
HP P19v G4 Monitor	9TY84AA
HP P21b G4 Monitor	9TY24AA
HP P21v G4 Monitor	9TY72AA
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22h G4 FHD Monitor	7UZ36A7
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AT
HP P22v G4 Monitor	9TT53AA
HP P24 G4 24 FHD Monitor	1A7E5AA
HP P24h G4 FHD Monitor	7VH44AA
HP P24h G4 FHD Monitor	7VH44AT
HP P24q G4 QHD Height Adjust Monitor	8MB10AA
HP P24v G4 Monitor	9TT78AA
HP P27h G4 FHD Monitor	7VH95AA
HP P27h G4 FHD Monitor	7VH95AT
HP P27q G4 QHD Height Adjust Monitor	8MB11AA
HP P27v G4 Monitor	9TT20AA

Value Displays

HP V19b Monitor	2XM32AA
HP V22b Monitor	2XM33AA
HP V24b Monitor	2XM34AA

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