

# **DESKTOP & LAPTOP IT BUYERS GUIDE**

**V5 - FROM MARCH 2019**

## Delivery Information

### Global Intel shortage

The supply of devices to all manufacturers has been impacted due to a global shortage of Intel chips. Supply levels are expected to increase in mid-2019 - UEA has now moved to new generation models to help access better levels of supply. **There is a price increase of approximately 3% on some models. Customers are also advised to place orders as soon as possible to help protect against supply issues.**

### 'Fast Track' - delivery and installation from 5-10 working days subject to available delivery appointments.

Desktops and laptops are available for delivery and installation from 5-10 working days if you select the base/standard specification. These devices are usually held in buffer stock. Any upgrades to the standard specification will increase delivery and installation lead times by the periods listed below.

### 'Configured to order' - delivery and installation timescales

If you upgrade a component the device DTP Group order the device from HP. The lead time from HP Manufacturing to DTP Group is 10-12 working days for desktops and 15 - 18 working days for laptops.

The devices are then built with UEA software and are ready for installation from a further 5-10 working days subject to available delivery appointments. Choose a Fast Track device if you need it quickly.

Deliveries to UEA from DTP are scheduled every Tuesday.

Installation information is required by noon the previous Friday to ensure that devices can be added to the next delivery.

Installation appointments are also subject to availability and demand.

## EVERYDAY DESKTOP PC FOR STANDARD OFFICE USE HP EliteDesk 800 G4 Desktop Mini Business PC

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £528.70 + VAT**

Packed with integrated enterprise-class performance, security and manageability features the HP Desktop Mini will fit almost any workspace.



### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i5 Processor  
8GB RAM  
256GB SSD Hard Drive

### Optional Upgrades (Longer Lead Time)

Intel Core i7 Processor  
Up to 16GB RAM  
Up to 512GB SSD Hard Drive  
External USB DVD/RW Drive

**Price quoted does not include a monitor.**

**For Monitor details and pricing, please see the Monitor section below.**

#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel® 8th Generation Core™ i5 processor (i7 option available on request)

**Chipset** Intel® Q370 Chipset

**Memory** 8GB 2666MHz DDR4 SDRAM as standard. (Up to max 32GB available on request)

**Internal storage** 256GB M.2 SSD hard drive; (Options up to 512GB SSD hard drive available)

**Removable storage** Optional external HP USB External DVD/RW Drive (F2B56AA) or ODD Expansion Drive available on request.

**Ports and connectors** Front: 3.5mm headphone output and microphone jacks, 2x USB 3.1 ports, one port with Fast Charge technology.  
Rear: 4x USB 3.1 ports, 1x HDMI video port, 2x DisplayPort; 1x RJ-45 network port.

**Expansion slots** 1x M.2 connector for optional wireless NIC module, 1x M.2 connector for SSD drive.

**Bays** 1x 2.5" internal storage drive bay

**VESA mount** Support for VESA 100 mm mounting system on bottom of PC chassis

**Graphics** Integrated Intel® UHD 630 Graphics

**Audio** Integrated Audio (all ports stereo), microphone and headphone jacks, integrated speaker

**Input devices** USB keyboard & mouse included

**Power** External 65W Power Supply, Active PFC, 89% efficient

**Warranty and services** 3-year limited warranty included.

## DESKTOP PC WITH PCI EXPANSION HP EliteDesk 800 G4 Tower PC

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £553.17 + VAT**

A highly customizable base unit suitable for those that need to expand the capabilities of their desktop by adding expansion cards (such as specialist video cards) and additional drives (either optical or SATA).

### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i5 Processor  
8GB RAM  
256GB SSD Hard Drive

### Optional Upgrades (Longer Lead Time)

Intel Core i7 Processor  
Up to 64GB RAM  
Up to 1TB SSD Hard Drive  
PCI Express Expansion Slots



**Price quoted does not include a monitor. For Monitor details and pricing, please see the Monitor section below.**

#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel® 8th Generation Core™ i5 processor (i7 option available on request)

**Chipset** Intel® Q370 Chipset

**Memory** 8GB 2666 MHz DDR4 SDRAM as standard. (Up to max 64 GB available on request)

**Internal storage** 256GB SSD hard drive; (Options up to 1TB SSD hard drive available)

**Removable storage** Slim DVD/RW drive

**Ports and connectors Front:** 2x USB 2.0 ports including 1x fast-charging); 2x USB 3.1 Gen2; 1x USB-C 3.1 Gen 2; 1x Universal Audio Jack with CTIA headset support (Microphone in / Headphone out); 1x Headphone out.

**Rear:** 2x USB 2.0 ports, 2x USB 3.1 Gen1 & 2x USB 3.1 Gen 2 ports, 1x stereo audio out, 1x line in, RJ-45 Ethernet, PS/2 mouse and keyboard, 2x DisplayPort with multi-stream, 1x HDMI, power connector.

**Expansion slots** (2) PCI Express x1 (v2.0) (1) PCI Express x 16 (v2.0 – wired as x4) (1) PCI Express x16 (v3.0) (1) Optional PCI (v2.3)

**Bays** TBC

**Graphics** Integrated Intel® HD Graphics

**Input devices** USB keyboard & mouse included

**Power** Internal 250W Power Supply, Active PFC, 90% efficient. 500W Power Supply Option Available.

**Warranty and services** 3-year limited warranty included.

## DESKTOP PC FOR PUBLIC AREAS HP EliteOne 800 G4 All-in-One Business PC

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £738.85 + VAT**

A full-featured All in One PC with a 23.8" Height Adjustable Screen. Suitable for public areas and student computer labs.

### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i5 Processor  
8GB RAM  
256GB SSD Hard Drive

### Optional Upgrades (Longer Lead Time)

Intel Core i7 Processor  
Up to 16GB RAM  
Up to 1TB SSD Hard Drive



#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel® 8th Generation Core™ i5 processor (i7 option available on request)

**Chipset** Intel® Q370 Chipset

**Memory** 8GB 2666MHz DDR4 SDRAM as standard. (Up to max 32GB available on request)

**Internal storage** 256GB SSD hard drive; (Options up to 1TB SSD hard drive available)

**Removable storage** DVD/RW drive

**Ports and connectors** Side: 1x Universal Audio Jack, 1x headphone. Rear & Bottom: 2x USB 3.1 Gen1, 4x USB 3.1 Gen2, 1x USB Type-C 3.1 Gen 2 port. 1x Displayport 1.2. 1x HDMI 2.0. 1x Audio Line Out. 1x RJ45 Ethernet. Power connector.

**Expansion slots** 1x M.2 PCIe x1-2230 (for WLAN); 1x M.2 PCIe x4-2280 (for storage); 1x M.2 PCIe x4-2280/2230 combo (for storage)

**Graphics** Integrated Intel® UHD 630 Graphics

**Input devices** USB keyboard & mouse included

**Power** Internal 210W Power Supply, Active PFC, 90% efficient

**Warranty and services** 3-year limited warranty included.

## STANDARD LAPTOP

### HP EliteBook 840 G5 Notebook PC

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £745.92 + VAT**

The HP EliteBook 840 - thin and light notebook allows users to be productive in and out of the office.

#### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i5 Processor  
14" anti-glare LED-backlit display (1920x1080)  
8GB RAM  
256GB PCIe SSD  
Up to 14 hours battery life



**Dimensions: 326x 179 x 234mm**

**Weight: 1.43 kg**

#### Optional Upgrades (Factory Integrated Only - Longer Lead Time)

Intel Core i7 Processor  
Up to 16GB RAM  
Up to 512GB SSD Hard Drive

#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel® 8th Generation Core™ i5 processor (i7 option available on request)

**Chipset** Chipset is integrated with processor

**Memory** 8GB 2400 MHz DDR4 SDRAM as standard. (Up to max 32GB available on request)

**Internal storage** 256GB SSD hard drive; (Options up to 512GB SSD hard drive available)

**Ports and connectors** 1 Thunderbolt (USB Type-C connector); 2x USB 3.1 Gen 1 (1 charging); 1x HDMI 1.4b;

1x RJ-45 Network Port; 1x docking connector; 1x headphone/microphone combo; 1x AC power.

**Expansion slots** 1x Media Card Reader

**Graphics** Integrated: Intel UHD Graphics 620

**Audio** Audio by Bang & Olufsen. Integrated 3 Multi Array Microphone. 2 Integrated Stereo Speakers (74Db)

**Wireless** Intel Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi and Bluetooth 4.2 Combo, vPro.

**AC Power / Battery** 65 Watt Smart nPFC Right Angle for Fast Charge AC Adapter / 3 Cell 50 WHr Long Life.

**Warranty and services** 3-year limited warranty included.

**Docking:** Via either the HP Ultra-Slim Docking Station or HP Elite USB-C Dock G4. Ordered Separately.

## DEVELOPER / RESEARCH LAPTOP

### HP EliteBook 840 G5 Notebook PC

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £1042.54 + VAT**

The HP EliteBook 840 - business-class notebook with a spec to meet demanding application requirements

#### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i7 Processor  
16GB RAM  
14" FHD UWVA display  
512GB PCIe NVMe SSD  
Up to 11 hours battery life



**Dimensions: 326x 179 x 234mm**

**Weight: 1.48 kg**

#### Optional Upgrades (Factory Integrated Only - Longer Lead Time)

Upgrade to 1TB SSD Hard Drive

#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel® 8th Generation Core™ i7-8650U.

**Chipset** Chipset is Integrated with Processor

**Memory** 16GB DDR4 PC4-2400

**Internal storage** 512GB PCIe NVMe Three Layer Cell Solid State Drive

**Ports and connectors** 1 Thunderbolt (USB Type-C connector); 2x USB 3.1 Gen 1 (1 charging); 1x HDMI 1.4b;

1x RJ-45 Network Port; 1x docking connector; 1x headphone/microphone combo; 1x AC power.

**Expansion slots** 1x Media Card Reader

**Graphics** Integrated: Intel UHD Graphics 620

**Audio** Audio by Bang & Olufsen. Integrated 3 Multi Array Microphone. 2 Integrated Stereo Speakers (74Db)

**Wireless** Intel Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi and Bluetooth 4.2 Combo, vPro.

**AC Power / Battery** 65 Watt Smart nPFC Right Angle for Fast Charge AC Adapter / 3 Cell 50 WHr Long Life.

**Warranty and services** 3-year limited warranty included.

**Docking:** Via either the HP Ultra-Slim Docking Station or HP Elite USB-C Dock G4. Ordered Separately.

## ULTRABOOK LAPTOP HP EliteBook x360 1030 G3

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £1108.73 + VAT**

The EliteBook x360 1030 G3 offers four use modes via a 360° Wrap UWVA FHD Screen, enabling you to create and share content in an Ultra-Portable Form Factor

### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i5 Processor  
8GB RAM  
13.3" FHD Touchscreen  
256GB PCIe NVMe Three Layer SSD  
(Wx Hx D): 30.58 x 20.5 x 1.58 cm  
Up to 18 hours battery life  
**Dimensions: 306x 205x 158mm**  
**Weight: 1.25kg**



### Optional Upgrades (Factory Integrated Only - Longer Lead Time)

Intel Core i7 Processor  
Up to 16GB RAM  
Up to 512GB SSD Hard Drive

#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel Core i5-8350U

**Chipset** Chipset is integrated with processor. 8<sup>th</sup> Generation Intel i5-8350U with Intel® UHD Graphics 620 (1.7 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores.)

**Memory** 8 GB LPDDR3-2133 SDRAM Memory soldered down (No sockets)

**Internal storage** 256GB PCIe NVMe Three Layer Cell Solid State Drive

**Wireless** Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro

**Ports and connectors** 2x Thunderbolt (USB Type-C connector); 1x USB 3.1 Gen 1 (Charging); 1x HDMI 1.4; 1x Headphone/microphone combo. Supplied with separate HP USB-C to RJ45 Adapter.

**Graphics** Intel UHD Graphics 520

**Audio** Audio by Bang & Olufsen. Integrated 3 Multi Array Microphone 4 Premium Speakers with discrete amps (79Db)

**AC Power / Battery** 65 Watt nPFC C6NS USB-C Straight AC Adapter. 1m Power Cord. 4 Cell 56 WHr Long Life Battery.

**Warranty and services** 3-year limited warranty included.

**Docking:** Via HP Elite USB-C Dock G4 only – not compatible with the Ultra-Slim Docking Station.

## HYBRID LAPTOP/TABLET HP Elite Book x2 1013 G3

**Cost (Inclusive of 3 Year Standard Warranty and Installation) - £1,181.95 + VAT**

The Elite x2 1013 G3 is a 2-in-1 with enterprise-class power, durability, connectivity and productivity on the go, in a stylish design.

### Standard Specification (Fast-Track)

Windows 10 Enterprise (UEA Build)  
Intel Core i5 Processor  
8GB RAM  
13" Brightview 3k2k UHD Touchscreen  
256GB PCIe NVMe SSD  
(Wx Hx D):  
**Dimensions: 300x 213x 164mm**  
**Weight of tablet (inc keyboard): 1.12kg**



### Optional Upgrades (Factory Integrated Only - Longer Lead Time)

Intel Core i7 Processor  
Up to 16GB RAM  
Up to 512GB SSD Hard Drive

#### Detailed Technical Specifications:

**Operating systems** Pre-installed: UEA Build of Windows 10 Enterprise

**Processor** Intel Core i5-8350U

**Chipset** Chipset is integrated with processor. 8<sup>th</sup> Generation Intel i5-8350U with Intel® UHD Graphics 620 (1.7 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores.)

**Memory** 8 GB LPDDR3-2133 SDRAM Memory soldered down (No sockets)

**Internal storage** 256GB PCIe NVMe Three Layer Cell Solid State Drive

**Wireless** Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro

**Ports and connectors** 2x USB 3.1 Type-C with Thunderbolt support. 1x USB 3.1 Type-C power port (Power delivery, DisplayPort.) 1x Headphone/microphone combo. Supplied with separate HP USB-C to RJ45 Adapter

**Expansion slots** Expansion and alternative connectors available through USB-C peripheral adapters, please contact DTP for more details

**Graphics** Intel UHD Graphics 620

**Audio** By Bang & Olufsen Dual speakers (front-facing) 3x multi array microphone; HP Noise Cancellation; Headphone line-out and Microphone-in (combo); 72 dB Audio Level

**AC Power / Battery** 65 Watt nPFC USB-C Straight AC Adapter. 1m Power Cord. 4 Cell 50 WHr Long Life Battery.

**Warranty and services** 3-year limited warranty included.

**Docking:** Via HP Elite USB-C Dock G4 only – not compatible with the Ultra-Slim Docking Station.

## DOCKING OPTIONS

### HP Ultra-Slim Docking Station

Compatible with the following products:

ProBook 630/640/650 G1-G5.  
EliteBook 820/830/840/850 G1-G5  
EliteBook 1040 G1-G3 only.



Offering the following ports / slots:

1x Lock slot / 1x Docking station cable lock slot / 1x Side docking connector / 1x VGA port / 1x LAN/Ethernet port / 2x DisplayPort 1.2 ports / 3x USB 3.0 ports / 1x USB 3.0 charging port / 1x Power connector / 1x Audio Line in jack / 1x Line out jack

**£92.84 + VAT**

### HP Elite USB-C Dock G4

Compatible with the following products:

ProBook 630/640/650 G4-G5 only.  
EliteBook 820/830/840/850 G5 only.  
EliteBook 1040 G4 only.  
Elite x2 1012 G1-G2.  
Elite x2 1013 G3.



Offering the following ports / slots:

1x USB-C port connects to Docked Device / 1x USB 3.0 port with data and power out only / 1x USB-C port with data and power out only / 1x Combo audio jack / 1x Power button to power and wake host system / 1x Power Connector / 1x Powered USB 3.0 port / 2x USB 2.0 ports / 1x Gigabit LAN / Ethernet port / 1x HDMI 2.0 port / 2x DisplayPort ports / 1x Security Lock Slot.

**£98.12 + VAT**

## EXTERNAL MONITOR

### HP EliteDisplay E243m 23.8" Widescreen Monitor (includes Speakers & Webcam)

Connect and collaborate in complete comfort on the HP EliteDisplay E243m Height Adjustable 23.8" Monitor, which is Skype for Business certified for optimal video and audio experiences.

Resolution: 1920x 1080 @ 60Hz.  
Ports: 1x VGA; 1x DisplayPort; 3xUSB, 1x HDMI  
Cables: 1x VGA; 1x Displayport; 1x USB 3.0



**£150 + VAT when purchased with a PC**

**£157 + VAT when purchased separately.**