2014

Product catalogue

HP notebooks, PCs, and solutions

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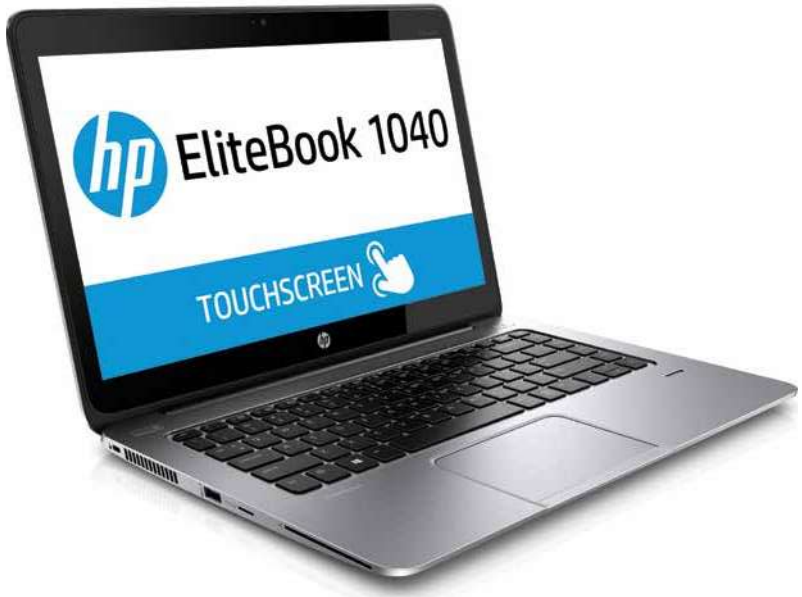
2014

For SMB and Enterprise

The right HP device can help improve productivity and reduce costs for your business. Choose from a variety of HP products to meet your team's unique needs.

HP notebooks

HP designs PCs to help enterprise businesses be successful. Backed by industry-leading innovation and value, HP PCs are designed to meet the pressing tasks of enterprise businesses—while helping to lower information technology (IT) costs, improve productivity, reduce environmental impact, and connect people and devices. HP is a trusted, long-term partner that helps customers simplify daily tasks and improve productivity, so they can focus on expanding their business reach.



Product image may differ from actual product.

HP notebooks

HP recommends Windows.

We innovate to meet your needs.

Professional award-winning design[1]

Globally-influenced design team and customer feedback-inspired products.

Connectivity: HP Connection Manager

Get full control over all your connections through a single application.

HP

- Business-class performance
- Stylish, cost-efficient design
- Easy to use

HP ProBook

- Trusted reliability
- Simple, intuitive controls
- Quick productivity & connections

HP EliteBook

- Premium reliability & performance
- Distinctive, modern designs
- Easy to deploy, secure, & manage

HP Spectre

- Superior design & performance
- Premium style & craftsmanship
- Executive-level service & support

HP 250 G3

Get connected with this value-priced notebook. Complete business tasks with Intel® technology,[2] essential multimedia tools, and Windows 8.1[3] loaded on the HP 250 G3 Notebook PC. The durable chassis in a matte charcoal colour protects the notebook from the rigours of the day.

HP 255 G3

Complete business tasks and get connected on the value-priced HP 255 G3 Notebook PC. Loaded with AMD technology, essential multimedia tools, and Windows 8.1,[3] this notebook helps professionals get the job done. The durable chassis helps protect the notebook from the rigours of the day.

HP 350 G1

HP's extensive range of notebook PCs enable increased productivity and efficiency by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.

HP Business Top Load Case

HP X4000b Bluetooth Mouse

HP Bluetooth TTP Mouse

HP X4000b Bluetooth Mouse

Product image may differ from actual product. See more accessories on pages 53 - 63. [1]For more information on HP awards, visit http://www.hp.com/hpinfo/newsroom/awards/. [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. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel®'s numbering is not a measurement of higher performance. Intel® and Intel® Xeon® are trademarks of Intel Corporation in the U.S. and other countries. [3]Not all features are available in all editions of Windows 8.1 Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8.1 functionality. See http://www.microsoft.com. Windows is a U.S. registered trademark of the Microsoft group of companies.

HP notebooks

HP 355 G2

A reliable business notebook for everyday computing. At the office or on the road, stay connected with essential technologies that keep you productive. The durable construction with an all metal palm rest protects your PC from the rigours of mobile use while maintaining its stylish look. Connect all your devices with a full array of ports.

HP ProBook 430 G2

Meet the demands of your work. Work smarter—and look good doing it—with an HP ProBook built to perform wherever business takes you. Count on a durable design inside and out, with integrated security and a spill-resistant keyboard. Plus, there's less bulk to bring with you, thanks to thin, stylish construction.

HP ProBook 450 G2

Get in touch with your productive side. Tap and scroll your way through the workday with an optional intuitive touch screen[1] that helps you work so much smarter. Count on durability inside and out—from built-in security to the spill-resistant keyboard—and a thin, light design that's packed with style.

HP ProBook 455 G2

Meet the demands of your work. Work smarter—and look good doing it—with an HP ProBook built to perform wherever business takes you. Count on a durable design inside and out, with integrated security and a spill-resistant keyboard. Plus, there's less bulk to bring with you, thanks to thin, stylish construction.

HP ProBook 470 G2

Work smarter—and look good doing it—with an HP ProBook built to perform wherever business takes you. Count on a durable design inside and out, with integrated security and a spill-resistant keyboard. Plus, there's less bulk to bring with you, thanks to thin, stylish construction.

HP ProBook 640 G1

Tailored for business. Optimised for Windows 8 Pro,[2] this configurable notebook features a 35.6 cm diagonal display and UMA or discrete graphics. From the professional design to Intel® technology, you're ready for business.

HP ProBook 645 G1

Challenge the Status Quo. Optimised for Windows 8 Pro,[2] this configurable laptop touts a 35.6 cm diagonal display, UMA graphics and AMD's latest technology. The professional design and HP 3D DriveGuard help protect your data from mobile use.

HP ProBook 650 G1

Tailored for business. Optimised for Windows 8 Pro,[2] this configurable notebook features a 39.6 cm diagonal display and UMA or discrete graphics. From the professional design to Intel® technology, you're ready for business.

HP ProBook 655 G1

Challenge the Status Quo. Optimised for Windows 8 Pro,[2] this configurable laptop touts a 39.6 cm diagonal display, UMA graphics and AMD's latest technology. The professional design and HP 3D DriveGuard help protect your data from mobile use.

Product image may differ from actual product. [1]Sold separately or as an optional feature. [2]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

HP notebooks

HP recommends Windows.

HP EliteBook 820 G1

Now employees can hit the road with a travel pro. The HP EliteBook 820 industry leading thin and light notebook is ultra-mobile in and out of the office. Work with confidence thanks to proven enterprise technologies and enterprise security, performance and management features.

HP EliteBook 840 G1

Now employees can hit the road with a travel pro. The HP EliteBook 840 industry leading Ultrabook™ 21 is ultra-productive in and out of the office. Work with confidence thanks to proven enterprise technologies and enterprise security, performance and management features.

HP EliteBook 850 G1

Now employees can hit the road with a travel pro. The HP EliteBook 850 industry leading Ultrabook™ 21 is ultra-productive in and out of the office. Work with confidence thanks to proven enterprise technologies and enterprise security, performance and management features.

HP EliteBook Folio 1040 G1

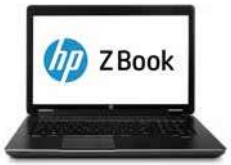
Everything a business Ultrabook™ should be. Travel light at full power. HP's first business Ultrabook™ with docking capabilities included, the HP EliteBook Folio keeps you productive from the airport to the desktop. Resume from sleep quickly and knock out projects fast. With long battery life, you can keep up with whatever the day brings. Enterprise ready. IT friendly. All business.

HP ZBook 14 Mobile Workstation

Everything you'd expect of the world's first workstation Ultrabook™[1]. HP's lightest mobile workstation—the new HP ZBook 14™[1] utilises impressive professional 3D graphics. This superbly thin, customizable workstation is light enough to carry when you're on the go—and powerful and reliable enough to carry you through the workday.

HP ZBook 15 Mobile Workstation

Unleash your creativity and break free from your desktop with a sleek HP ZBook 15 mobile workstation that keeps you productive in the field. Take advantage of powerful processing and graphics, consistent colour throughout your workflow, simple scalability, and the blazing-fast connectivity your team needs to perform and collaborate at the speed of creativity.



HP ZBook 17 Mobile Workstation

Creativity knows no limits. Showcase your best work in the office or on the go. With the new HP ZBook 17 workstation, take advantage of HP's most powerful processing and graphics, consistent colour throughout your workflow, simple scalability, and the blazing-fast connectivity your team needs to perform and collaborate at the speed of creativity.

Product image may differ from actual product. [1]Not all configurations qualify as an Ultrabook™. [2]Onsite service level may not be available in all geographies. In some instances, onsite services may be performed by an HP Authorised Service Technician. [3]Some options may not be available in all devices.

HP notebooks

Specifications	HP 250 G3	HP 255 G3	HP 350 G1	HP 355 G2
Operating system	Windows 8.1 64[1]; Windows 7 Professional 64 (available through downgrade rights from Windows 8 Pro 64)[1]; Ubuntu; FreeDOS 2.0	Windows 8.1[1]; Windows 8.1 Pro[1]; Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64[1]); Ubuntu Linux; FreeDOS 2.0	Windows 7 Professional 64[1] (available through downgrade rights from Windows 8.1 Pro)	Windows 8.1[1]; Windows 8.1 Pro[1]; Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64[1]); Ubuntu Linux; FreeDOS 2.0
Weight	Starting at < 2.2 kg (Non-Touch); Starting at < 2.4 kg (Touch)	Starting at 2.2 kg	Starting at 2.3 kg	Starting at 2.3 kg
Power	65W Smart AC adapter (discrete); 65W EM Smart AC adapter (for China and India); 45W Smart AC adapter (UMA); HP 3-cell (31 WHr) polymer battery; HP 4-cell (41 WHr) polymer battery	65W Smart AC adapter (discrete); 65W EM Smart AC adapter (for China and India); 45W Smart AC adapter (UMA); HP 3-cell (31 WHr) polymer battery; HP 4-cell (41 WHr) polymer battery	65W Smart AC adapter	65W HP AC adapter 3-wire plug 1.0m (with ground pin); 45W AC adapter (UMA only); HP 4-cell (41 WHr) Li-Ion battery
Chipset	Intel®[2] chipset integrated with processor	AMD Kerala (Kabini SoC APU, BGA)	Chipset is integrated with processor	AMD Chipset is integrated with APU
Display size (diagonal)	39.6 cm (15.6")	39.6 cm (15.6")	39.6 cm (15.6")	39.6 cm (15.6")
Expansion slots	Supports SD/SDHC/SDXC; Supports mini versions with adapter	Supports SD/SDHC/SDXC; Supports mini versions with adapter	1 multi-format digital media reader	HP Multi-Format Digital Media Reader—supports SD/SDHC/SDXC; Supports mini versions with adapter
Ports	1 USB 3.0; 2 USB 2.0; 1 HDMI4; 1 VGA; 1 stereo microphone-in combo jack; 1 AC power; 1 RJ-45 (Ethernet)	1 USB 3.0; 2 USB 2.0; 1 HDMI3; 1 VGA; 1 stereo headphone/ microphonein combo jack; 1 AC power; 1 RJ-45 (Ethernet)	2 USB 3.0; 1 USB 2.0; 1 VGA; 1 HDMI; 1 headphone/microphone combo; 1 RJ-45; 1 AC power	2 USB 3.0; 1 USB 2.0; 1 HDMI3; 1 VGA; 1 AC power; 1 RJ-45 (Ethernet); 1 headphone/ microphone in combo jack
Security management	Security Lock slot (lock must be purchased separately)	Security Lock slot (lock must be purchased separately)	Security Lock slot (lock must be purchased separately); Finger print Reader	Security Lock slot (lock must be purchased separately); Fingerprint Reader (select models only)
Management features	N/A	N/A	N/A	N/A
Memory upgrade	Standard memory up to 8,192MB	Standard memory up to 8,192MB	N/A	Upgradeable to 16,384 MB
Memory slots	1 SODIMM	1 SODIMM	2 SODIMM	2 SODIMM

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

HP notebooks

HP recommends Windows.

Specifications	HP ProBook 430 G2	HP ProBook 450 G2	HP ProBook 455 G2	HP ProBook 470 G2
Operating system	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available
Weight	Starting at 1.5 kg	Starting at 2.26 kg	Starting at 2.29 kg	Starting at 2.87 kg
Power	65W EM Smart AC Adapter; 45W Smart AC Adapter	65W Smart AC adapter; 65W EM Smart AC adapter; 90W Smart AC adapter; 90W EM Smart AC adapter; HP Fast Charge (6-cell only)	90W Smart AC adapter; 65W Smart AC Adapter; HP Fast Charge (6-cell only)	9-cell (93 WHr) Lithium-Ion battery; 6-cell (47 WHr) Lithium-Ion battery; Fast Charge[2] 90W Smart AC Adapter
Chipset	N/A	Mobile Intel® HM87	AMD A76M FCH	Mobile Intel® HM87 Express
Display size (diagonal)	33.8 cm (13,3")	39.6 cm (15.6")	39.6 cm (15.6")	43.9 cm (17.3")
Expansion slots	1 Secure Digital	Multi Media Reader Slot supporting SD, SDHC, SDXC, Memory Stick, MSXC	Multi Media Reader Slot supporting SD, SDHC, SDXC, Memory Stick, MSXC	Multi Media Reader Slot supporting SD, SDHC, SDXC, Memory Stick, MSXC
Ports	2 USB 3.0; 2 USB 2.0; 1 HDMI; 1 stereo microphone in; 1 AC power; 1 RJ-45; 1 headphone/line-out; 1 VGA	2 USB 3.0; 2 USB 2.0; 1 HDMI; 1 stereo microphone in; 1 AC power; 1 RJ-45; 1 headphone/line-out; 1 VGA	2 USB 3.0; 2 USB 2.0; 1 HDMI; 1 stereo microphone in; 1 AC power; 1 RJ-45; 1 headphone/ line-out; 1 VGA	2 USB 3.0 ports, 2 USB 2.0 ports, 1 HDMI 1 VGA, 1 stereo microphone input, 1 headphone/ line out, 1 RJ-45 (Ethernet), 1 power connector
Security management	Standard: HP Client Security; Microsoft Defender; HP Drive Encryption; HP BIOS Protection; Security lock slot; Optional: Intel® Anti-Theft (requires a Computrace subscription); HP Fingerprint reader	HP Client Security Suite includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication, HP Drive Encryption, HP Secure Erase, HP Trust Circles, Microsoft Security Essentials (Win 7[1]) & Microsoft Defender (Win 8[1]), HP SpareKey (requires initial user setup), Absolute Data Protect, security lock slot	HP Client Security Suite includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication, HP Drive Encryption, HP Secure Erase, HP Trust Circles, Microsoft Security Essentials (Win 7[1]) & Microsoft Defender (Win 8[1]), HP SpareKey (requires initial user setup), Absolute Data Protect, security lock slot	HP Client Security Suite includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication, HP Drive Encryption, HP Secure Erase, HP Trust Circles, Microsoft Security Essentials (Win 7[1]) & Microsoft Defender (Win 8[1]), HP SpareKey (requires initial user setup), Absolute Data Protect, security lock slot
Management features	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)
Memory upgrade	Upgradeable to 16 GB	Upgradeable to 16 GB	Upgradeable to 16 GB	Upgradeable to 16 GB
Memory slots	2 SODIMM	2 SODIMM	2 SODIMM	2/4/8 GB SODIMMs

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com. [2]Fast Charge Technology recharges your battery up to 90 % within 90 minutes when the system is off. Fast Charge Technology does not apply to the 9-cell battery. When the PC is powered on, charge time may increase and will vary based on the workload of the notebook PC.

HP notebooks

Specifications	HP ProBook 640 G1	HP ProBook 645 G1	HP ProBook 650 G1	HP ProBook 655 G1
Operating system	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available
Weight	Starting at 2.0 kg	Starting at 2.0 kg	Starting at 2.32 kg	Starting at 2.32 kg
Power	90W Smart AC Adapter (discrete); 65W Smart AC Adapter (integrated); HP Fast Charge (not supported on 9-cell primary or secondary batteries)	65W Smart AC Adapter; HP Fast Charge (not supported on 9-cell primary or secondary batteries)	90W Smart AC Adapter (discrete); 65W Smart AC Adapter (integrated); HP Fast Charge (not supported on 9-cell primary or secondary batteries)	90W Smart AC adapter (discrete); 65W Smart AC adapter (integrated); HP Fast Charge
Chipset	Mobile Intel® QM77 Express; Mobile Intel® HM76 Express	AMD A70M FCH	Mobile Intel® QM77 Express; Mobile Intel® HM76 Express	AMD A70M FCH
Display size (diagonal)	35.6 cm (14")	35.6 cm (14")	39.6 cm (15.6")	39.6 cm (15.6")
Expansion slots	1 ExpressCard/54; 1 Secure Digital	1 ExpressCard/54; 1 Secure Digital	1 ExpressCard/54; 1 Secure Digital	1 ExpressCard/54; 1 Secure Digital
Ports	2 USB 3.0; 1 USB 2.0; 1 DisplayPort; 1 stereo microphone in; 1 stereo headphone/line-out; 1 1394a; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 VGA; 1 RJ-11 (optional)	2 USB 3.0; 1 USB 2.0; 1 DisplayPort; 1 stereo microphone in; 1 stereo headphone/line-out; 1 1394a; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 eSATA/USB 2.0 Combo; 1 VGA	2 USB 3.0; 2 USB 2.0; 1 DisplayPort; 1 stereo microphone in; 1 stereo headphone/line-out; 1 1394a; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 VGA; 1 serial; 1 RJ-11 (optional)	2 USB 3.0; 2 USB 2.0; 1 DisplayPort; 1 stereo microphone in; 1 stereo headphone/line-out; 1 1394a; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 VGA; 1 serial; 1 RJ-11 (optional)
Security management	Standard: HP Client Security Dashboard (Windows 81 only); HP ProtectTools; HP Spare Key (requires initial user setup); Central Management for HP ProtectTools; Credential Manager for HP ProtectTools; Drive Encryption; Enhanced Pre-Boot Security; Face Recognition; File Sanitizer for HP ProtectTools (Windows 71 only); Microsoft Defender (Windows 81 only, includes MS Security Essentials); Microsoft Security Essentials (part of Microsoft Defender for Windows 81); Security lock slot; TPM Embedded Security Chip 1.2; Optional: Computrace (sold separately and requires the purchase of subscription); Intel Anti-Theft Technology (requires Absolute Computrace subscription); HP Fingerprint Sensor; Smart Card Reader (replaces ExpressCard); HP Privacy Filter	Standard: HP Client Security Dashboard (Windows 81 only); HP ProtectTools; HP Spare Key (requires initial user setup); Central Management for HP ProtectTools; Credential Manager for HP ProtectTools; Drive Encryption; Enhanced Pre-Boot Security; Face Recognition; File Sanitizer for HP ProtectTools (Windows 71 only); Microsoft Defender (Windows 81 only, includes MS Security Essentials); Microsoft Security Essentials (Windows 71 only); Security lock slot; TPM Embedded Security Chip 1.2; Optional: Computrace (sold separately and requires the purchase of subscription); HP Fingerprint Sensor; Smart Card Reader (replaces ExpressCard); HP Privacy Filter	Standard: HP Client Security Dashboard (Windows 81 only); HP ProtectTools; HP Spare Key (requires initial user setup); Central Management for HP ProtectTools; Credential Manager for HP ProtectTools; Drive Encryption; Enhanced Pre-Boot Security; Face Recognition; File Sanitizer for HP ProtectTools (Windows 71 only); Microsoft Defender (Windows 81 only, includes MS Security Essentials); Microsoft Security Essentials (part of Microsoft Defender for Windows 81); Security lock slot; TPM Embedded Security Chip 1.2; Optional: Computrace (sold separately and requires the purchase of subscription); Intel Anti-Theft Technology (requires Absolute Computrace subscription); HP Fingerprint Sensor; Smart Card Reader (replaces ExpressCard); HP Privacy Filter	Standard: HP Client Security Dashboard (Windows 81 only); HP ProtectTools; HP Spare Key (requires initial user setup); Central Management for HP ProtectTools; Credential Manager for HP ProtectTools; Drive Encryption; Enhanced Pre-Boot Security; Face Recognition; File Sanitizer for HP ProtectTools (Windows 71 only); Microsoft Defender (Windows 81 only, includes MS Security Essentials); Microsoft Security Essentials (part of Microsoft Defender for Windows 81); Security lock slot; TPM Embedded Security Chip 1.2; Optional: Computrace (sold separately and requires the purchase of subscription); Intel Anti-Theft Technology (requires Absolute Computrace subscription); HP Fingerprint Sensor; Smart Card Reader (replaces ExpressCard); HP Privacy Filter
Management features	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)
Memory upgrade	Upgradeable to 16 GB	Upgradeable to 16 GB	Upgradeable to 16 GB	Upgradeable to 16 GB
Memory slots	2 SODIMM	2 SODIMM	2 SODIMM	2 SODIMM

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

HP notebooks

HP recommends Windows.

Specifications	HP EliteBook 820 G1	HP EliteBook 840 G1	HP EliteBook 850 G1	HP EliteBook Folio 1040 G1
Operating system	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available
Weight	Starting at 1.33 kg	Starting at 1.58 kg	Starting at 1.88 kg	Starting at 1.49 kg
Power	Primary Battery: 3-cell (26 WHr) HP Long Life; 3-cell (46 WHr) HP Long Life; Integrated: 45W Smart AC adapter	Primary Battery: 3-cell (24 WHr) HP Long Life; 3-cell (50 WHr) HP Long Life; Secondary Battery: 6-cell (60 WHr) HP Long Life slice optional;[2] Integrated: 45W Smart AC adapter; 65W Smart AC adapter; Discrete: 65W Smart AC adapter	Primary Battery: 3-cell (24 WHr) HP Long Life; 3-cell (50 WHr) HP Long Life; Integrated: 45W Smart AC adapter; 65W Smart AC adapter; Discrete: 65W Smart AC adapter	45W Smart AC adapter
Chipset	Chipset integrated with processor	Chipset integrated with processor	Chipset integrated with processor	Mobile Intel® QM77 Express
Display size (diagonal)	31.8 cm (12.5")	35.6 cm (14")	39.6 cm (15.6")	35.6 cm (14")
Expansion slots	1 Media Card Reader	1 Media Card Reader	1 Media Card Reader	1 micro SD card reader
Ports	2 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort 1.2; 1 VGA; 1 combo stereo headphone/mic jack;1 AC power; 1 RJ-45; 1 side docking connector	3 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort 1.2; 1 VGA; 1 Combo stereo headphone/mic jack; 1 AC power; 1 RJ-45; 1 side docking connector; 1 secondary battery connector	3 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort 1.2; 1 VGA; 1 Combo stereo headphone/mic jack;1 AC power; 1 RJ-45; 1 side docking connector	2 USB 3.0; 1 USB 3.0 charging; 1 docking connector; 1 DisplayPort 1.2; 1 AC power; 1 combo stereo headphone/mic jack
Security management	HP Client Security Suite (requires Windows) includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication, HP BIOS with HP Sure Start, HP Drive Encryption, HP Secure Erase, HP Trust Circles, Microsoft Security Essentials (Windows 7[1]) & Microsoft Defender (Windows 8[1]), HP SpareKey(requires initial user setup), Absolute Data Protect, TPM Embedded Security Chip 1.2, security lock slot	HP Client Security Suite (requires Windows) includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication, HP BIOS with HP Sure Start, HP Drive Encryption, HP Secure Erase, HP Trust Circles, Microsoft Security Essentials (Windows 7[1]) & Microsoft Defender (Windows 8[1]), HP SpareKey(requires initial user setup), Absolute Data Protect, TPM Embedded Security Chip 1.2, security lock slot	HP Client Security Suite (requires Windows) includes: HP Credential Manager, HP Password Manager, HP File Sanitizer and HP Device Access Manager with Just in Time Authentication, HP BIOS with HP Sure Start, HP Drive Encryption, HP Secure Erase, HP Trust Circles, Microsoft Security Essentials (Windows 7[1]) & Microsoft Defender (Windows 8[1]), HP SpareKey (requires initial user setup), Absolute Data Protect, TPM Embedded Security Chip 1.2, security lock slot	Standard: HP BIOS Protection; Microsoft Security Essentials; HP ProtectTools; Central Management for HP ProtectTools; TPM Embedded Security Chip 1.2; Pre-Boot Security; HP SpareKey (requires initial user setup); HP Disk Sanitizer; Drive Encryption for HP ProtectTools; Credential Manager for HP ProtectTools; Face Recognition for HP ProtectTools; File Sanitizer for HP ProtectTools; Smart Card Reader; Security Lock Slot; Optional: Computrace (sold separately and requires the purchase of subscription); Intel Anti-Theft Technology (requires Absolute Computrace subscription); HP Fingerprint Sensor (select models)
Management features	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)	HP 3D DriveGuard (Windows only)
Memory upgrade	Upgradeable to 16 GB	Upgradeable to 16 GB	Upgradeable to 16 GB	N/A
Memory slots	Two slots supporting dual-channel memory	Two slots supporting dual-channel memory	Two slots supporting dual-channel memory	on-board

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com. [2]Sold separately or as an optional feature.

HP notebooks

HP recommends Windows.

Specifications	HP ZBook 14 Mobile Workstation	HP ZBook 15 Mobile Workstation	HP ZBook 17 Mobile Workstation
Operating system	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available
Weight	Starting at 1.59 kg	Starting at 2.82 kg	Starting at 3.48 kg
Power	HP Long Life 3-cell (24 WHr) polymer battery; HP Long Life 3-cell (50 WHr) polymer/prismatic battery; External 65W Smart AC adapter	Primary batteries: 8-cell (83 WHr) Li-Ion battery;[3] HP Long Life 8-cell (75 WHr) Li-Ion battery;[3] Secondary batteries: HP BB09 Ultra Extended Life Notebook Battery (9-cell/100 WHr); HP ST09 Extended Life Notebook Battery (9-cell/73 WHr) External: External 150W Slim Smart AC adapter; External 200W Slim Smart AC adapter; HP Fast Charge (not supported on 9-cell primary battery)	Primary Batteries: 8-cell (83 WHr) Li-Ion battery[1], HP Long Life 8-cell (75 WHr) Li-Ion battery[2]; Secondary Batteries: HP BB09 Ultra Extended Life; Notebook Battery (9-cell/100 WHr), HP ST09 Extended Life Notebook Battery (9-cell/73 WHr); External: External 200W Slim Smart AC adapter; External 230W Slim Smart AC adapter; HP Fast Charge (not supported on 9-cell primary battery)
Chipset	Chipset is integrated with processor	Mobile Intel® QM87	Mobile Intel® QM87
Display size (diagonal)	35.6 cm (14")	39.6 cm (15.6")	43.9 cm (17,3")
Expansion slots	1 Secure Digital; 1 Smart Card Reader	1 ExpressCard/54; 1 Secure Digital; 1 Smart Card Reader	1 ExpressCard/54; 1 Secure Digital; 1 Smart Card Reader
Ports	3 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort; 1 stereo microphone-in/headphone-out combo; 1 AC power; 1 RJ-45; 1 docking connector; 1 VGA; 1 secondary battery connector	(2) USB 3.0; (1) USB 2.0; (1) USB 3.0 charging port; 1 Thunderbolt;[4] 1 DisplayPort; 1 stereo microphone-in/headphone-out combo; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 VGA	(2) USB 3.0; 1 USB 2.0; 1 USB 3.0 charging port; 1 Thunderbolt[4]; 1 DisplayPort; 1 stereo microphone-in/headphone-out combo; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 VGA
Security management	Standard: HP Client Security (Windows 7[1] and 8[1] only); HP Fingerprint Sensor (optional); HP Sure Start; Integrated Smart Card Reader; Enhanced Pre-Boot Security (multiuser/multifactor); HP Spare Key (requires initial user setup); One-Step Logon; Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip; Security lock slot; Support for Intel AT; Optional: Computrace with GPS Tracking (sold separately and requires the purchase of subscription)	Standard: HP Client Security (Windows 8[1] only); HP Fingerprint Sensor; Integrated Smart Card Reader; Enhanced Pre-Boot Security (multiuser/multifactor); HP Spare Key (requires initial user setup); One-Step Logon; Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip; Security lock slot; Support for Intel AT;[5] Optional: Computrace with GPS Tracking[6] (sold separately and requires the purchase of subscription)	Standard: HP Client Security (Windows 8[1] only); HP Fingerprint Sensor; Integrated Smart Card Reader; Enhanced Pre-Boot Security (multiuser/multifactor); HP Spare Key (requires initial user setup); One-Step Logon; Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip; Security lock slot; Support for Intel AT[5]; Optional: Computrace[6] with GPS Tracking[6] (sold separately and requires the purchase of subscription)
Management features	N/A	N/A	N/A
Memory upgrade	Upgradeable to 16 GB	Upgradeable to 32 GB	Upgradeable to 32 GB
Memory slots	2 SODIMM	Two SODIMM slots (dual-core processor) or four SODIMM slots (quad-core processor) supporting dual-channel memory.	Two SODIMM slots (dual-core processor) or four SODIMM slots (quad-core processor) supporting dual-channel memory.

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com. [2]Sold separately or as an optional feature. [3]Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark07 battery benchmark bapco.com/products/mobilemark2007 for additional details. [4]Thunderbolt is new technology. Install all the latest drivers for your Thunderbolt device before connecting to the Thunderbolt port. Thunderbolt cable and Thunderbolt device (sold separately) must be compatible with Windows. To determine whether your device is Thunderbolt Certified for Windows, see thunderbolttechnology.net/products. [5]Intel AT security requires a separately purchased Absolute Computrace service subscription and must be activated and configured. Check with Absolute for availability in your country. Intel and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom. See intel.com/technology/anti-theft/. [6]Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to multiple years. Service is limited, check with Absolute for availability outside the U.S.

HP notebooks services

HP Care Pack Services

Warranty upgrades

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Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

		HP 2xx (HP 6xx)	ProBook 4xx (s+t series	ProBook 6xx (b+m series)	EliteBook / Zbook (p+w series)	UltraBook (EliteBook Folio / Spectre 13 Pro)
	Parts/Labour/Onsite Service in years	**1/1/0**	**1/1/0**	**1/1/0**	**3/3/0**	**1/1/0**
	Base Warranty					
Return to Depot	2-year	UK734E	UK734E	UJ381E		
	3-year	UK735E	UK735E	UJ382E		
	4-year	UM212E	UM212E	UM210E	UM208E	
	5-year	UM213E	UM213E	UM211E	UM209E	
Pick up and Return	2-year	UK727E	UK727E	UE323E		
	3-year	UK707E	UK707E	U4395E		HL506E
	4-year	UK720E	UK720E	U7881E	U7868E	
	5-year	UK721E	UK721E	U7882E	U7869E	
	Post Warranty	UK709PE	UK709PE	U4397PE	U4426PE	
Standard Response Time	1-year	HZ530E	HZ530E	HZ522E		
	3-year	HZ531E	HZ531E	HZ523E	HZ515E	
	4-year	HZ532E	HZ532E	HZ524E	HZ516E	
	5-year	HZ533E	HZ533E	HZ525E	HZ517E	
	Post Warranty	HZ534PE	HZ534PE	HZ526PE	HZ518PE	
Next Business Day	1-year	UK701E	UK701E	U4389E		
	3-year	UK703E	UK703E	U4391E	U4414E	HL510E
	4-year	UK716E	UK716E	U7875E	U7860E	
	5-year	UK718E	UK718E	U7876E	U7861E	
	Post Warranty	UK705PE	UK705PE	U4393PE	U4416PE	
Travel Coverage[1]	3-year	UL653E	UL653E	UC909E	U4418E	
	4-year	UL654E	UL654E	UC910E	U7863E	
	5-year	UL655E	UL655E	UC911E	U7864E	
	Post Warranty				U4420PE	
Premium Services[2]	3-year		HL542E	HL544E	HL546E	HL544E

Recommended	Description of Services	Options
Next business day onsite	Enjoy total piece of mind and maximum productivity. Get an authorised HP Service representative[2] to your site the next business day for repair, if the problem can't be resolved remotely	3-year, 4-year, 5-year[3]
Next business day onsite with accidental damage protection	Get up and running fast without worries. Avoid out-of-pocket repair or replacement costs caused by accidents such as drops, spills and electrical surges by having a HP Service representative[2] in your site the next business day.	3-year, 4-year, 5-year[3]

[1]Travel Services include Next Business Day onsite services in 80 countries. To learn more visit: www.hp.com/services/. [2]Premium Services include 3-year Extension, 9x5 Next Business Day, 13x6 Remote Support, Priority Call, Highly Skilled Agent, Collaborative 3rd Tier Support.

HP notebooks services

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Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

		HP 2xx (HP 6xx)	ProBook 4xx (s+t series)	ProBook 6xx (b+m series)	EliteBook / Zbook (p+w series)	UltraBook (EliteBook Folio / Spectre 13 Pro)
	Parts/Labour/Onsite Service in years	**1/1/0**	**1/1/0**	**1/1/0**	**3/3/0**	
	Base Warranty					
Pick up and Return + Accidental Damage Protection	3-year	UK712E	UK712E	U4400E	U4428E	HL508E
	4-year	UK723E	UK723E	U9587E	U9586E	
Pick up and Return + Defective Media Retention	3-year	UL680E	UL680E	UJ404E	UJ407E	
Standard Response Time + Accidental Damage Protection	3-year	HZ535E	HZ535E	HZ527E	HZ519E	
	4-year	HZ536E	HZ536E	HZ528E	HZ520E	
	5-year	HZ537E	HZ537E	HZ529E	HZ521E	
Next Business Day + Accidental Damage Protection	3-year	UK726E	UK726E	UC282E	UC279E	HL511E
	4-year	UK748E	UK748E	UC283E	UC284E	
	5-year	UM237E	UM237E	UM235E	UM236E	
Standard Response Time + Defective Media Retention	1-year	HL483E	HL483E	HL479E		
	3-year	HL484E	HL484E	HL480E	HL476E	
	4-year	HL485E	HL485E	HL481E	HL477E	
	5-year	HL486E	HL486E	HL482E	HL478E	
Next Business Day + Defective Media Retention	1-year	UL656E	UL656E	UE338E		
	3-year	UL657E	UL657E	UE339E	UE335E	HL509E
	4-year	UL658E	UL658E	UE340E	UE336E	
	5-year	UL659E	UL659E	UE341E	UE337E	
Next Business Day + Accidental Damage Protection + Defective Media Retention	1-year	UL845E	UL845E	UL740E		
	3-year	UL846E	UL846E	UL741E	UL784E	
	4-year	UL847E	UL847E	UL742E	UL785E	
	5-year	UL848E	UL848E	UL743E	UL786E	
Travel Coverage[1] + Accidental Damage Protection	3-year	UQ825E	UQ825E	UQ819E	UQ831E	
	4-year	UQ827E	UQ827E	UQ821E	UQ833E	
	5-year	UQ829E	UQ829E	UQ823E	UQ835E	
	Post Warranty	UQ817PE	UQ817PE	UQ815PE	UQ851PE	
Travel Coverage[1] + Defective Media Retention	3-year	UL667E	UL667E	UJ333E	UJ336E	
	4-year	UL668E	UL668E	UJ334E	UJ337E	
	5-year	UL669E	UL669E	UJ335E	UJ338E	
Travel Coverage[1] + Accidental Damage Protection + Defective Media Retention	3-year	UQ826E	UQ826E		UQ832E	
	4-year	UQ828E	UQ828E		UQ834E	
	5-year	UQ830E	UQ830E		UQ836E	
	Post Warranty	UQ818PE	UQ818PE		UQ852PE	

[1]Travel Services include Next Business Day onsite services in 80 countries. To learn more visit: www.hp.com/services/.

HP tablets

These tablets mean business.

Product image may differ from actual product.

HP tablets

Go beyond the everyday tablet. We've made it easy for you to work hard. So go ahead, burn the midnight oil, no matter the time zone.

One-touch productivity

From productivity and presentation tools to messages and calendars, everything you need is just a touch away. HP tablets help you simplify the way you do business.

Power your operations

Support for existing business applications and industry-specific software and hardware options make for easy, customizable deployment.

HP EliteBook Revolve 810 G2

Business is constantly changing. Adjust accordingly. Work doesn't always adapt to your style. So we designed an HP EliteBook that does. By designing an ultra-thin, full-performance Windows8[1,2] notebook that transforms into a tablet, you can choose what works best in any situation. The HP EliteBook Revolve. It's a whole new twist on getting more done.

HP ElitePad 1000 G2

The true tablet for business. Go beyond every- day business with the HP ElitePad, our premium thin and light Windows 8[1] tablet.[2] Its elegant design and touch experience put productivity at your fingertips. Expand your potential by choosing from a complete suite of thoughtfully designed accessories like a full keyboard, docking station, and an HP ElitePad Expansion Jacket that extends battery life. Easy to deploy. Effortless to manage. Simple to secure.

HP ElitePad Productivity Jacket

HP Slim Bluetooth Keyboard

HP Business 4 Wheel Roller Case

Product image may differ from actual product. See more accessories on pages 53 - 63. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com. [2]This system is Windows 8 certified and supports the new Windows UI. The integrated display resolution is below the threshold for Snap, a Windows UI feature that allows two Windows Store apps to be viewed simultaneously. This feature may be enabled by attaching an external 1366 x 768 or higher resolution display. [1]Onsite service level may not be available in all geographies. In some instances, onsite services may be performed by an HP Authorised Service Technician.

HP tablets

HP recommends Windows.

Specifications	HP EliteBook Revolve 810 G2	HP ElitePad 1000 G2
Operating system	Windows 8 Pro[1] or other operating systems available	Windows 8 Pro[1] or other operating systems available
Audio	DTS Studio Sound; Integrated stereo speakers; Integrated microphone (dual-microphone array); Headphone/microphone combo jack; Buttons for volume up and down	HD audio with DTS Sound+; 2 integrated stereo speakers; 2 digital microphones; Headphone/microphone combo jack
Sensors	N/A	Accelerometer + eCompass; Gyroscope; Ambient light sensor; Haptics
Chipset	Mobile Intel® QM77 Express	Chipset is integrated with processor
Processors	Intel® Core™ i7-3687U with Intel HD Graphics 4000 (2.1 GHz, 4 MB cache, 2 cores); Intel® Core™ i5-3437U with Intel HD Graphics 4000 (1.9 GHz, 3 MB cache, 2 cores)	Intel® Atom® Z3795 (1.6 GHz, up to 2.39 GHz using Intel Burst Technology, 2 MB cache, 4 cores)
Display	Diagonal LED-backlit HD UWVA (1366 x 768)	WXGA UWVA (1900 x 1200), capacitive multi-touch screen with digitizer, Corning® Gorilla® Glass 3 with anti-smudge coating
Display size (diagonal)	29.5 cm (11.6")	25.7 cm (10.1")
Expansion slots	1 micro SIM; 1 microSD	1 flash media
Graphics	Intel HD Graphics	Intel HD Graphics
Storage	128 GB mSATA SSD; 256 GB mSATA SSD	64 GB eMMC SSD; 128 GB eMMC SSD
Ports	1 DisplayPort; 1 headphone/microphone combo; 1 power connector; 1 docking connector; 1 RJ-45; 2 USB 3.0	1 system connector; 1 headphone/ microphone combo The system connector connects to the unit either directly to power, or to the docking station, or to a jacket.
Memory	4 GB 1600 MHz SODIMM; 8 GB 1600 MHz SODIMM; 12 GB 1600 MHz SODIMM	4 GB 1067 MHz LPDDR3 SDRAM
Pre-installed software	N/A	Buy Office; PDF Complete Corporate Edition; HP Mobile Connect; HP Wireless Hotspot (models with WLAN); HP ePrint; HP Manageability; HP PageLift; HP Support Assistant; HP SoftPaq Download Manager; Kindle; Box (50 GB offer)
Security management	Standard: Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip; Security lock slot; HP BIOS (BIOS Protection); Secure Erase; Computrace Persistence; DriveLock and Automatic DriveLock; Preboot Security; Master Boot Record recovery; HP Client Security Software: Drive Encryption; Credential Manager; Password Manager; Absolute Data Protect (Windows 81 only); Face Recognition; One Step Logon; SpareKey; Device Access Manager with Just In Time Authentication; Embedded Security (Windows 71 only); Privacy Manager (Windows 71 only); Microsoft Security Essentials (Windows 71 only); DigitalPass (Windows 71 only); Central Management capable	HP Client Security (Included Credential Manager and Password Manager); Absolute Data Protect; Device Access Manager with Just In Time Authentication; Drive Encryption; HP Trust Circles Standard; Microsoft Defender; TPM 1.2; Near Field Communication with Secure Element (ships disabled)
Wireless support	HP un2430 EV-DO/HSPA Mobile Broadband with GPS support; HP hs2350 HSPA+ Mobile Broadband with GPS support; Intel Centrino Advanced-N 6205 802.11a/b/g/n; Intel 802.11a/b/g/n + Bluetooth Combo	Broadcom 801.11a/b/g/n (2x2) and Bluetooth® 4.0; HP hs3110 HSPA+ Mobile Broadband; HP lt4111 LTE/EV-DO/HSPA+ Gobi 4G; HP lt4112 LTE/HSPA+ Gobi 4G

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

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		EltePad	EliteBook / Zbook (p+w series)
	Parts/Labour/Onsite Service in years	**1/1/0**	**3/3/0**
	Base Warranty		
Pick up and Return + Accidental Damage Protection	2-year	U0W25E	
	3-year	HR206E	U4428E
	4-year	U0J29E	U9586E
Pick up and Return + Defective Media Retention	3-year		UJ407E
Standard Response Time + Accidental Damage Protection	3-year	U7C73E	HZ519E
	4-year	U7C74E	HZ520E
	5-year	U7C75E	HZ521E
Next Business Day + Accidental Damage Protection	2-year	U7C49E	
	3-year	U7C51E	UC279E
	4-year	U7C53E	UC284E
	5-year	U7C55E	UM236E
Standard Response Time + Defective Media Retention	3-year		HL476E
	4-year		HL477E
	5-year		HL478E
Next Business Day + Defective Media Retention	3-year		UE335E
	4-year		UE336E
	5-year		UE337E
Next Business Day + Accidental Damage Protection + Defective Media Retention	3-year		UL784E
	4-year		UL785E
	5-year		UL786E
Travel Coverage[1] + Accidental Damage Protection	3-year	U7C84E	UQ831E
	4-year	U7C86E	UQ833E
	5-year	U7C88E	UQ835E
	Post Warranty		UQ851PE
Travel Coverage[1] + Defective Media Retention	3-year		UJ336E
	4-year		UJ337E
	5-year		UJ338E
Travel Coverage[1] + Accidental Damage Protection + Defective Media Retention	3-year		UQ832E
	4-year		UQ834E
	5-year		UQ836E
	Post Warranty		UQ852PE
Computrace Data Protection	1-year	UQ929	UQ929
	2-year	UQ930E	UQ930E
	3-year	UQ931E	UQ931E
	4-year	UQ932E	UQ932E
	5-year	UQ933E	UQ933E
Notebook Tracking and Recovery	1-year	UL724E	UL724E
	2-year	UL725E	UL725E
	3-year	UL726E	UL726E
	4-year	UL727E	UL727E
	5-year	UL728E	UL728E
Premium Services[2] + Accidental Damage Protection	3-year		HL547E

[1]Travel Services include Next Business Day onsite services in 80 countries.
To learn more visit: www.hp.com/services/travel.
[2]Premium Services include 3-year Extension, 9x5 Next Business Day, 13x6 Remote Support, Priority Call, Highly Skilled Agent, Collaborative 3rd Tier Support.

HP desktops & all-in-ones

HP recommends Windows.

HP's commercial desktop and all-in-one portfolios are divided into 3 pillars. The HP brand is intended to provide basic access and information. HP Pro products are robust and highly reliable in order to maximise everyday productivity. Elite is our very best desktop offering in the business space and is designed for those working on mission-critical projects who can't afford delays or downtime.

Product image may differ from actual product.

Solutions for the new style of IT.

HP

- Business-class performance
- Stylish, cost-efficient design
- Easy to use

HP ProDesk & ProOne

- Trusted reliability
- Simple, intuitive controls
- Quick productivity & connections

HP EliteDesk & EliteOne

- Premium reliability & performance
- Distinctive, modern designs
- Easy to deploy, secure & manage

HP Compaq Pro 6305 Microtower

Create graphic-rich presentations on the HP Compaq Pro 6305 Microtower and keep every-day productivity flowing with the latest AMD processor technology. Grow and customise with multiple expansion options and support multi-display setups for expanded screen real-estate. Protect your data with enter-prise-class security and simplify manageability with a strong lifecycle and reliable warranty.

HP ProDesk 600 G1 Tower

Productivity and manageability in one. Give busy workers the edge they need to stay ahead. This PC's solid-state hybrid drive[1] responds to the speed of work and opens applications right away. Powerful security and business-class management software frees up IT staff time.

HP ProDesk 600 G1 Small Form Factor

Productivity and manageability in one. Give busy workers the edge they need to stay ahead. This PC's solid-state hybrid drive responds to the speed of work and opens applications right away. Powerful security and business-class management software frees up IT staff time.

Product image may differ from actual product.

HP recommends Windows.

HP EliteDesk 800 G1 Tower

Business demands confidence. Here's yours. Designed to perform, impress, and pro-tect—the sleek HP EliteDesk 800 G1 helps you power through to business success while allowing customised deployment.

HP EliteDesk 800 G1 Ultra-slim

Business demands confidence. Here's yours. Designed to perform, impress, and pro-tect—the sleek HP EliteDesk 800 G1 helps you power through to business success while allowing customised deployment.

HP EliteDesk 800 G1 Small Form Factor

Business demands confidence. Here's yours. Designed to perform, impress, and pro-tect—the sleek HP EliteDesk 800 G1 helps you power through to business success while allowing customised deployment.

HP ProOne 400 G1 All-in-One

Design, productivity, and security. All in one. Set a new pace for your office productivity while demanding less from your IT team. Take on work more efficiently with a sleek PC designed to free your desk from clutter. Count on powerful built-in software that enhances security, manages updates, and automates backups.

HP ProOne 600 G1 All-in-One

Design, productivity, and security. All in one. Set a new pace for your office productivity while demanding less from your IT team. Take on work more efficiently with a sleek PC designed to free your desk from clutter. Count on powerful built-in software that enhances security, manages updates, and automates backups.

HP EliteOne 800 G1 All-in-One

Impressive performance that fits right in. The design looks amazing. Your business performance will look even better. Trust your mission-critical projects to an all-in-one PC that's built to handle the demands of virtu-ally any business environment. Power your workday with a secure, enterprise-class PC that's easy to manage and just as reliable as it is stylish. Integrate touch computing for a truly hands-on experience.

Product image may differ from actual product.

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Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

Recommended	Description of Services	Options
Next business day onsite	Enjoy total piece of mind and maximum productivity. Get an authorised HP Service representative[1] to your site the next business day for repair, if the problem can't be resolved remotely	3-year, 4-year, 5-year[2]
Next business day onsite with defective media protection	Keep your hard drive and critical data if it becomes damaged. Plus receive an HP-qualified technician[1] next business day onsite to repair your computing device, if the issue cannot be solved remotely.	3-year, 4-year, 5-year[2]

Product image may differ from actual product. [1]Onsite service level may not be available in all geographies. In some instances, onsite services may be performed by an HP Authorised Service Technician. [2]Some options may not be available in all devices.

HP desktops & all-in-ones

HP recommends Windows.

Specifications	HP Compaq Pro 6305 Microtower	HP ProDesk 600 G1 Tower	HP ProDesk 600 G1 Small Form Factor	HP EliteDesk 800 G1 Tower
Operating system	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems
External drive bays	One 8.9 cm (3.5"); Two 13.3 cm (5.25")	One 8.9 cm (3.5"); One slimline; One 13.3 cm (5.25")	One 8.9 cm (3.5"); One slimline	One 8.9 cm (3.5"); One 13.3 cm (5.25"); One slim
Internal drive bays	Two 8.9 cm (3.5")	One 6.4 cm (2.5"); Two 8.9 cm (3.5")	One 6.4 cm (2.5"); One 8.9 cm (3.5")	One 6.4 cm (2.5"); Two 8.9 cm (3.5")
Form factor	Microtower	Microtower	Small Form Factor	Microtower
Security management	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; Serial, parallel, USB enable/disable (via BIOS); Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/boot control; Power-On password (via BIOS); Setup password (via BIOS); HP Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; Intel® Identify Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/boot control; Power-On password (via BIOS); Setup password (via BIOS); HP Chassis (1 bay) Security Kit; Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; Intel® Identify Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/boot control; Power-On password (via BIOS); Setup password (via BIOS); HP Chassis (1 bay) Security Kit; Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; RAID configurations; Intel® Identify Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/boot control; Power-On password (via BIOS); Setup password (via BIOS); HP Chassis (1 bay) Security Kit; Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices
Management features	N/A	Intel Standard Manageability (select models)	Intel Standard Manageability (select models)	Intel Standard Manageability (select models)
Chipset	AMD A75	Intel® Q85 Express	Intel® Q85 Express	Intel® Q87 Express
Expansion slots	1 full-height PCI; 1 full-height PCIe x1; 1 full-height PCIe x16 (x16); 1 full-height PCIe x16 (x4)	3 PCIe x1; 1 PCIe x16	3 PCIe x1; 1 PCIe x16	2 full-height PCIe x1; 1 full-height PCIe x16; 1 full-height PCIe x16 (x4)
Expansion slots note	N/A	N/A	N/A	1 full-height PCI (select models)
Ports	4 USB 3.0; 6 USB 2.0; 2 PS/2; 1 VGA; 1 DisplayPort; 1 serial; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone	4 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone	4 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone	2 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone
Ports note	Optional ports include 1 serial, 1 eSATA, 1 parallel, 1 22-in-1 Media Card Reader	Optional: 1 serial; 1 parallel	Optional: 1 serial; 1 parallel	Optional: 1 serial; 1 parallel
Memory upgrade	Upgradeable to 32 GB	Upgradeable to 32 GB	Upgradeable to 32 GB	Upgradeable to 32 GB
Memory slots	4 DIMM	4 DIMM	4 DIMM	4 DIMM
Power	320W standard efficiency, active PFC; 320W 90% efficient, active PFC	320W standard efficiency, 92% efficient, active PFC	240W 92% efficient, active PFC	320W standard efficiency, active PFC; 320W 92% efficient, active PFC

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

HP desktops & all-in-ones

Specifications	HP EliteDesk 800 G1 Ultra-slim	HP EliteDesk 800 G1 Small Form Factor
Operating system	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems
External drive bays	One 6.4 cm (2.5")	One 8.9 cm (3.5"); One slim
Internal drive bays	N/A	One 6.4 cm (2.5"); One 8.9 cm (3.5")
Form factor	Ultra-slim desktop	Small Form Factor
Security management	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; Intel® Identify Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/ boot control; Power-On password (via BIOS); Setup password (via BIOS); Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; RAID configurations; Intel® Identify Protection Technology (IPT); Serial, parallel, USB enable/disable (via BIOS); Optional USB Port Disable at factory (user configurable via BIOS); Removable media write/ boot control; Power-On password (via BIOS); Setup password (via BIOS); Solenoid Hood Lock / Sensor; Support for chassis padlocks and cable lock devices
Management features	Intel Standard Manageability (select models)	Intel Standard Manageability (select models)
Chipset	Intel® Q87 Express	Intel® Q87 Express
Expansion slots	1 mini PCIe; 1 MXM; 1 mSATA	2 low-profile PCIe x1; 1 low-profile PCIe x16 (x4); 1 low-profile PCIe x16
Expansion slots note	N/A	N/A
Ports	2 USB 3.0; 6 USB 2.0; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone	2 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2; 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone
Ports note	N/A	Optional: 1 serial; 1 parallel
Memory upgrade	Upgradeable to 32 GB	Upgradeable to 32 GB
Memory slots	2 SODIMM	4 DIMM
Power	135W (integrated) standard efficiency, 89% efficient, active PFC; 180W (discrete) standard efficiency; 89% efficient, active PC	240W 92% efficient, active PFC

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

HP desktops & all-in-ones

HP recommends Windows.

Specifications	HP ProOne 400 G1 All-in-One	HP ProOne 600 G1 All-in-One	HP EliteOne 800 G1 All-in-One
Operating system	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems
External drive bays	One 13.3 cm (5.25") external; Slim Line Optical Drive	One slimline	One 13.3 cm (5.25")
Internal drive bays	One 8.9 cm (3.5")	One 8.9 cm (3.5")	One 6.4 cm (2.5")
Form factor	All-in-one	All-in-one	All-in-one
Security management	Security lock slot; HP Keyed Cable Lock; USB port disable; Rear cover security screw	USB port disable; Lockable Access Panel; Lockable I/O security cover; Security Screw; HP Keyed Cable Lock (optional); Common Criteria Certified, Infineon TPM SLB9656TT1.2- 4.32 FW; Intrusion Detector; Wall/Arm/Cart Mountable via VESA bracket; Support for Nobel Locking Plate (3rd party option); Support for 3M Privacy Screen (3rd party option)	USB port disable; Lockable Access Panel; Lockable I/O security cover; Security Screw; HP Keyed Cable Lock (optional); Common Criteria Certified, Infineon TPM SLB9656TT1.2- 4.32 FW; Intrusion Detector; Wall/Arm/Cart Mountable via VESA bracket; Support for Nobel Locking Plate (3rd party option); Support for 3M Privacy Screen (3rd party option), for non-touch models
Management features	N/A	Intel Standard Manageability (select models)	vPro Technology Capable (select models); Intel Standard Manageability (select models)
Chipset	Intel® H81 Express	Intel® Q85 Express	Intel® Q87 Express
Expansion slots	1 mini PCIe half-length (used by optional wireless LAN module)	1 mini PCIe; 1 MXM; 1 mSATA	1 mini PCIe; 1 MXM; 1 mSATA
Expansion slots note	N/A	N/A	1 Media Card Reader (optional)
Ports	2 USB 3.0; 4 USB 2.0 (rear); 1 Microphone in; 1 Headphone jack; 1 Serial RS-232; 1 Stereo audio line out; 1 Power connector; 1 RJ-45; 1 DisplayPort with multi-stream	4 USB 3.0; 2 USB 2.0; 2 PS/2; 1 microphone in; 1 headphone; 1 RJ-45; 1 audio out; 1 power connector; 1 DisplayPort	6 USB 3.0; 2 PS/2; 1 microphone in; 1 audio headphone jack; 1 serial; 1 audio line out; 1 power connector; 1 RJ-45; 1 DisplayPort
Ports note	N/A	1 serial (optional)	N/A
Memory upgrade	Upgradeable to 16 GB	Upgradeable to 16 GB	Upgradeable to 16 GB
Memory slots	2 SODIMM	2 SODIMM	2 SODIMM
Power	External 120W, up to 89% efficient, active PFC	Internal 180W, up to 91% efficient, active PFC	200W, up to 93% efficient, active PFC

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com.

HP desktops & all-in-ones services

HP Care Pack Services

Warranty upgrade, faster response time and enhanced protection services

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Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

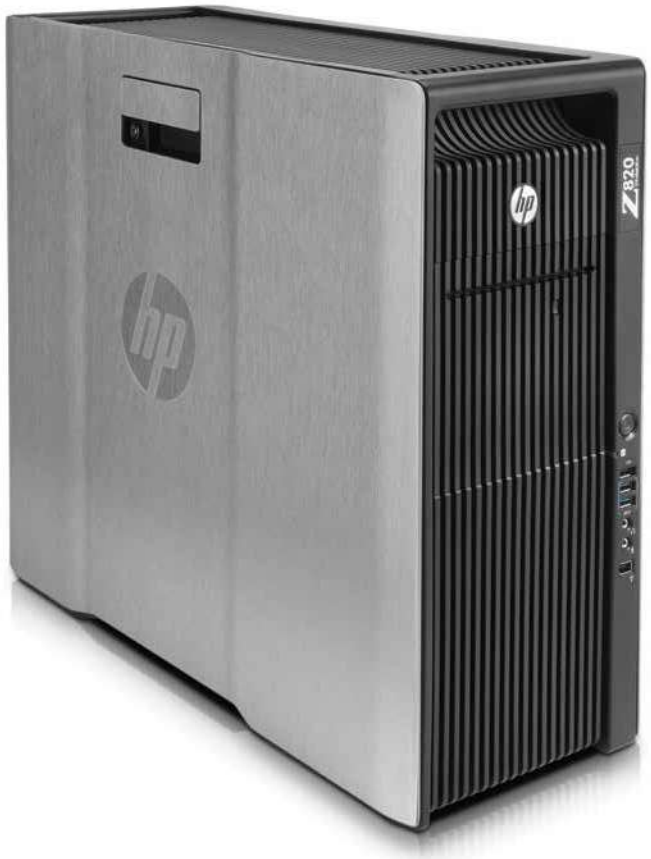
		EliteDesk/EliteOne 8xx ProDesk/ProOne 6xx (HP Compact Elite)	ProDesk/ProOne 4xx HP Compact 2xx
	Parts/Labour/Onsite Service in years	**3/3/3**	**1/1/1**
	Base Warranty		
Standard Response Time	1-year		HZ549E
	3-year	HZ559E	HZ550E/A
	4-year	HZ560E/A	HZ552E/A
	5-year	HZ561E	HZ553E
	Post Warranty	HZ554PE	HZ554PE
Standard Response Time + Defective Media Retention	1-year		HL490E
	3-year	HL494E	HL491E
	4-year	HL495E	HL492E
	5-year	HL496E	HL493E
Next Business Day	1-year		UE378E
	3-year	UE379E	U6578E/A
	4-year	U7897E/A	U7923E/A
	5-year	U7899E/A	U7925E/A
	Post Warranty	U5864PE	U5864PE
Next Business Day + Defective Media Retention	1-year		UK764E
	3-year	UE332E/A	UF360E
	4-year	UE333E	UF361E
	5-year	UE334E	UF362E
4 Hour Same Day 9X5	3-year	U4863E	U4856E/A
	Post Warranty	U4858PE	U4858PE
4 Hour Same Day 13X5	3-year	HP730E	HP728E
	4-year	HP731E	HP729E
4 Hour Same Day 9X5 + Defective Media Retention	3-year	UL821E	UM188E
Premium Services[1]	3-year	HL550E	HL548E
Premium Services[1] + Defective Media Retention	3-year	HL551E	HL549E

[1]Premium Services include 3-year Extension, 9x5 Next Business Day, 13x6 Remote Support, Priority Call, Highly Skilled Agent, Collaborative 3rd Tier Support.

HP workstations

HP recommends Windows.

A workstation is the fastest, most expandable, and most reliable computer available. It is designed to meet the demands of professionals, who work with large and complex datasets and intricate 3D models. HP Workstations set the standard for innovation, performance and reliability.



Product image may differ from actual product.

HP workstations

Outperforming our competition, so you can outperform yours

Customer-inspired innovation

- New customer-centric technologies
- Breakthrough industrial design
- Environmental leadership
- Value throughout the lifecycle

Industry-leading performance

- The latest processors, graphics, memory, storage
- On-board performance monitoring and tuning
- High-performance remote desktop access to applications

HP Z820 Workstation

Built for high-end computing and visualization. The dual-processor HP Z820 Workstation delivers outstanding performance, award-winning industrial design,[1] and tool-free serviceability in the industry's most expandable chassis. With next generation Intel® Xeon® processors, support for up to 16 processing cores, and the latest professional graphics, you'll tackle even the most demanding projects like never before.

HP Z620 Workstation

More versatile than ever before. With up to 16 discrete processor cores, the HP Z620 Workstation packs a ton of computing and visualization power into a quiet, compact footprint. This dual-socket system helps you boost productivity with next-generation Intel® Xeon® processors and support for up to 8 displays.

HP Z420 Workstation

Performance you want. Value you need. The HP Z420 gives you professional expandability in an accessible tool-free mini-tower form factor — all at a great price. With up to 8 discrete processing cores, the latest processing and I/O power from Intel®, and the latest graphics technology from leading graphics providers, the HP Z420 has the power you need to get the job done.

Product image may differ from actual product. [1]For more information on HP awards, visit http://www.hp.com/hpinfo/newsroom/awards/

HP workstations

HP recommends Windows.

HP Z230 Tower Workstation

Affordable performance and flexibility, re-defined. Create a totally immersive work environment for those who demand reliability and performance on a budget. Designed for heavy 24 x 7 x 365 workloads, the HP Z230 delivers next-generation processor and graphics technologies in a redesigned, compact yet impressively expandable tower.

HP Z230 Small Form Factor Workstation

Affordable performance and flexibility, redefined. Create a totally immersive work environment for those who demand reliability and performance on a budget. Designed for heavy 24 x 7 x 365 workloads, the HP Z230 delivers next-generation processor and graphics technologies in a redesigned, compact yet impressively expandable tower.

HP Z1 Workstation

The new HP Z1 is the world's first all-in-one workstation with an extra-large display that snaps open to let you swap out parts and make upgrades. No tools required. Unleash your creativity with accelerated performance, support for over a billion colours, and HP's world-class reliability. The HP Z1. Advanced design from A to Z.

HP Care Pack Services

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Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

Recommended	Description of Services	Options
Next business day onsite	Enjoy total piece of mind and maximum productivity. Get an authorised HP Service representative[1] to your site the next business day for repair, if the problem can't be resolved remotely	3-year, 4-year, 5-year[2]
Next business day onsite with accidental damage protection	Get up and running fast without worries. Avoid out-of-pocket repair or replacement costs caused by accidents such as drops, spills and electrical surges by having a HP Service representative1 in your site the next business day.	3-year, 4-year, 5-year[2]

Product image may differ from actual product. [1]Onsite service level may not be available in all geographies. In some instances, onsite services may be performed by an HP Authorised Service Technician. [2]Some options may not be available in all devices.

HP workstations

Specifications	HP Z820 Workstation	HP Z620 Workstation	HP Z420 Workstation	HP Z230 Tower Workstation
Operating system	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems
External drive bays	Three 13.34 cm	Two 13.34 cm	Three 13.34 cm	1 external slim ODD bay, 2 external Half-Height 13.34 cm bays
Internal drive bays	Four 8.89 cm	Three 8.89 cm	Three 8.89 cm	2 internal 6.35 cm bays, 1 internal 8.89 cm bay
Storage controller	Integrated SATA 6.0 Gb/s; Integrated SATA 3.0 Gb/s; Integrated LSI SAS 2308 Controller; LSI MegaRAID® 9260-8i SAS 6Gb/s ROC RAID Card and iBBU08 Battery Backup Unit (optional)	Integrated SATA 6.0 Gb/s; Integrated SATA 3.0 Gb/s with RAID 0, 1, 10 support; LSI MegaRAID 9260-8i SAS 6.0 Gb/s ROC RAID and iBBU08 Battery Backup Unit (optional); LSI 9212 4-Port SAS 6.0 Gb/s RAID (optional); LSI 9217-4i4e 8-port SAS 6.0 Gb/s RAID (optional)	Integrated SATA 6.0 Gb/s; integrated SATA 3.0 Gb/s; LSI 9212 4-Port SAS 6 Gb/s RAID (optional); LSI MegaRAID 9260-8i SAS 6 Gb/s ROC RAID and IBBU08 battery backup unit (optional)	Integrated SATA Controller, RAID 0,1 supported: 5 ports, 6 Gb/s[2]
Form factor	Rackable minitower	Rackable minitower	Convertible Minitower	Tower
Security management	Cable Lock Support (standard - cable optional); Chassis Intrusion Sensor (standard); Serial, Parallel, USB, Audio, Network Enable/Disable (standard); Removable Media Write/Boot Control (standard); Power-On Password (standard); Setup Password (standard); Kensington Cable Lock (optional)	Cable Lock Support (standard - cable optional); Removable Media Write/Boot Control (standard); Power-On Password (standard); Setup Password (standard); Kensington Cable Lock (optional); HP Solenoid Hood Lock and Sensor (optional); HP Solenoid Lock (optional)	Padlock Support (standard - padlock optional); Cable Lock Support (standard - cable optional); Universal Chassis Clamp Lock (optional); Serial, Parallel, USB, Audio, Network Enable/Disable (standard); Removable Media Write/Boot Control (standard); Power-On Password (standard); Setup Password(standard); Solenoid Lock and Hood Sensor (optional)	N/A
Chipset	Intel® C602	Intel® C602	Intel® C602	Intel® C226
Expansion slots	3 PCIe Gen3 x16; 1 PCIe Gen3	2 PCIe Gen3 x16; 1 PCIe Gen3 x8; 1 PCIe Gen2 x8; 1 PCIe Gen2 x4; 1 PCI	2 PCIe Gen3 x16; 1 PCIe Gen3 x8; 1 PCIe Gen2 x8 (x4); 1 PCIe Gen2 x4 (x1); 1 PCI	1 PCIe Gen3 x16, 1 PCIe Gen2 x4 slot/x16 connector, 1 PCIe Gen2 x1 slot/x4 connector, 1 PCIe Gen2 x1 slot, 1 PCI 32-bit
Expansion slots note	The PCIe x8 connectors are open ended, allowing a PCIe x16 card to be seated in the slot.	N/A	The PCIe x8 connectors are open ended, allowing a PCIe x16 card to be seated in the slot.	N/A
Ports	4 USB 3.0; 5 USB 2.0; 2 IEEE 1394a; 2 microphone; 1 audio line out; 1 headphone; 1 audio line in; 1 serial; 2 PS/2 (keyboard & mouse); 2 RJ-45 to integrated Gigabit LAN; 1 22-in-1 media card reader	6 internal USB 2.0 available by 3 separate 2x5 headers	6 internal USB 2.0 available by 3 separate 2x5 headers; 1 serial available via optional Serial Port Adapter	Front: 2 USB 3.0; 1 USB 2.0; 1 USB 2.0 Charging Data Port; 1 microphone in; 1 headphone out; Rear: 2 USB 3.0; 4 USB 2.0; 1 DVI-I single link and 2 DisplayPort 1.2 (for use with Intel HD Graphics); 1 audio in; 1 audio out; 1 microphone; 1 serial (optional); 2 PS/2; RJ-45 (LoM), optional 2 IEEE 1394b ports; Internal: 1 USB 3.0, 3 USB 2.0
Memory upgrade	Upgradeable to 512 GB	Upgradeable to 192 GB	Upgradeable to 64 GB	Up to 32 GB ECC/non-ECC, DDR3 1600 MHz (ECC/non-ECC choice and actual memory speed dependent on processor capability)[3, 4]
Memory slots	16 DIMM	Up to 12 DIMMs (8 DIMMs on system board, 4 DIMMs on 2nd CPU & Memory Module)	8 DIMM	4 DIMM
Power	850W 88% efficient, wide ranging, active PFC; 1125W 90% efficient, wide ranging, active PFC	800W 90% efficient wide ranging, active PFC	600W 90% efficient, wide ranging, active PFC	400-watt 92% efficient power supply

Product image may differ from actual product. [1]Not all features are available in all editions of Windows 7, Windows 8 and 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 7, Windows 8 and 8.1 functionality. See http://www.microsoft.com. [2]SATA hardware RAID is not supported on Linux systems. The Linux kernel, with built-in software RAID, provides excellent functionality and performance. It is a good alternative to hardware- based RAID. Please visit h20000.www2.hp.com/bc/docs/support/SupportManual/c00060684/c00060684.pdf for RAID capabilities with Linux. [3]Each processor supports up to 2 channels of DDR3 memory. To realise full performance at least 1 DIMM must be inserted into each channel. 4Intel® Xeon E3, Intel Core i3 and Intel Pentium processors can support either ECC or non-ECC memory. Intel Core i5 and i7 processors only support non-ECC memory.

HP workstations

HP recommends Windows.

Specifications	HP Z230 Small Form Factor Workstation	HP Z1 Workstation
Operating system	Windows 8 Pro[1] or other operating systems	Windows 8 Pro[1] or other operating systems
External drive bays	1 external 8.89 cm bay, 1 external Half-Height 13.34 cm bay	N/A
Internal drive bays	1 internal 8.89 cm bay, 1 internal 6.35 cm bay	One 8.89 cm OR Two 6.35 cm
Storage controller	Integrated SATA Controller, RAID 0,1 supported: 5 ports, 6 Gb/s[2]	Integrated SATA interfaces with RAID 0, 1 support (2x 6.0 Gb/s and 1x 3.0 Gb/s)
Form factor	Small Form Factor	All-in-One
Security management	N/A	Optional security cable with Kensington Lock; HP Chassis Intrusion Sensor
Chipset	Intel® C226	Intel® C206
Expansion slots	1 PCIe Gen3 x16, 1 PCIe Gen2 x4 slot/x16 connector, 1 PCIe Gen2 x1 slot/x4 connector, 1 PCIe Gen2 x1 slot. All slots are Low Profile.	1 MXM; 3 mini PCIe (full-length)
Expansion slots note	N/A	MXM dedicated for graphics
Ports	Front: 2 USB 3.0; 2 USB 2.0; 1 microphone in; 1 headphone out; Rear: 2 USB 3.0; 4 USB 2.0; 3 DisplayPort 1.2 (for use with Intel HD Graphics); 1 audio in; 1 audio out; 1 standard/1 serial (optional); 2 PS/2; RJ-45 (LoM), optional 2 IEEE 1394b ports (PCIe card); Internal: 1 USB 3.0, 3 USB 2.0	2 USB 3.0; 7 USB 2.0; 1 4-in-1 media card reader; 1 headphone; 1 microphone; 1 IEEE 1394a; 1 DisplayPort; 1 RJ-45; 1 optical S/PDIF; 1 subwoofer out; 1 audio line in; 1 audio line out
Memory upgrade	Up to 32 GB ECC/non-ECC, DDR3 1600 MHz (ECC/non-ECC choice and actual memory speed dependent on processor capability)[3, 4]	Upgradeable to 32 GB
Memory slots	4 DIMM	4 DIMM
Power	240-watt 92% efficient power supply	400W 90% efficient power supply - wide ranging active PFC

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HP workstations services

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Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

		WorkStation Zxxx
	Parts/Labour/Onsite Service in years	**3/3/3**
	Base Warranty	
Standard Response Time	3-year	HZ559E
	4-year	HZ562E
	5-year	HZ563E
	Post Warranty	HZ564PE
Standard Response Time + Defective Media Retention	3-year	HL497E
	4-year	HL498E
	5-year	HL499E
Next Business Day	3-year	UE379E
	4-year	U7942E
	5-year	U7944E
	Post Warranty	U4867PE
Next Business Day + Defective Media Retention	3-year	UE342E
	4-year	UE343E
	5-year	UE344E
4 Hour Same Day 9X5	3-year	U4873E
	4-year	U7946E
	5-year	U7948E
	Post Warranty	U4877PE
4 Hour Same Day 13X5	3-year	HX528E
	4-year	HX529E
	5-year	U7940E
	Post Warranty	HX530PE
4 Hour Same Day 24X7[1]	3-year	U4875E
	4-year	U7950E
	5-year	U7952E
	Post Warranty	U6585PE
4 Hour Same Day 9X5 + Defective Media Retention	3-year	UL833E
	4-year	UL834E
	5-year	UL835E
4 Hour Same Day 13X5 + Defective Media Retention	3-year	UL839E
	4-year	UL840E
	5-year	UL841E

[1]Only available in Germany and France.

HP displays

Making a difference with visual solutions of tomorrow, today.

Product image may differ from actual product.

HP displays

HP helps advance the way businesses operate with innovative monitors that can help increase productivity while providing a best investment solution.

Best investment

Designed to optimise your company's total cost of ownership:

- Energy efficiency
- Stability and lifecycle
- Global series
- Expandability
- Support and service

Productivity

Visual solutions to help your company be more productive and efficient:

- Better together hardware solutions
- Software to maximise your monitors' potential and lifespan
- Ergonomics
- Ease of use and set-up

HP ProDisplay P201 20" LED Backlit Monitor

Keep up the good work with solid performance, a stylish design, and environmental features all at an attractive price point with the HP ProDisplay P201 50.8 cm LED Backlit Monitor. Efficiently grow and maintain your business with proven HP quality and reliability, stable lifecycles, HP accessory compatibility, and energy savings. Do more throughout the day and help save more throughout the quarter with a monitor that goes the distance.

HP ProDisplay P221 21.5" LED Backlit Monitor

Keep up the good work with solid performance, a stylish large screen design, and environmental features all at an attractive price point with the HP ProDisplay P221 54.6 cm LED Backlit Monitor. Efficiently grow and maintain your business with proven HP quality and reliability, stable lifecycles, HP accessory compatibility, and energy savings. Do more throughout the day and help save more throughout the quarter with a monitor that goes the distance.

Product image may differ from actual product.

HP displays

HP EliteDisplay E201 20" LED Backlit Monitor

Give your business-critical users the display they crave. The HP EliteDisplay E201 50.8 cm LED Backlit Monitor delivers outstanding ergonomic adjustability and convenient connectivity in a premier, energy efficient design.

HP EliteDisplay E221c 21.5" Webcam LED Backlit Monitor

Connect and collaborate. Locally and globally. Bring the meeting to you. The HP EliteDisplay E221c 54.6 cm Webcam LED Backlit Monitor combines the wide viewing angles of IPS technology with integrated communications technology so it's easy, affordable, and comfortable to quickly connect and collaborate.

HP EliteDisplay E231 23" LED Backlit Monitor

Give your business-critical users the display they crave. The HP EliteDisplay E231 48.2 cm LED Backlit Monitor delivers outstanding ergonomic adjustability and convenient connectivity in a premier, energy efficient design.

HP EliteDisplay E271i 27" IPS LED Backlit Monitor

IPS goes mainstream with the HP EliteDisplay E271i 68.6 cm IPS LED Backlit Monitor, a business-class combination of an extra-large screen, extra-wide viewing angles, and extraordinary comfort.

HP Z Display Z22i 21.5" IPS LED Backlit Monitor

Get outstanding image accuracy, exceptional adjustability, and mission-critical reliability optimised for commercial environments. Built with IPS Gen 2 panels, the HP Z22i 54.6 cm IPS Display delivers power savings over first-generation IPS technology and extra-wide viewing angles that foster collaboration.

HP Z Display Z24i 24" IPS LED Backlit Monitor

Get outstanding image accuracy, exceptional adjustability, and mission-critical reliability optimised for commercial environments. Built with IPS Gen 2 panels, the HP Z24i 61 cm IPS Display delivers power savings over first-generation IPS technology and extra-wide viewing angles that foster collaboration.

HP Z Display Z27i

A huge screen, customizable comfort, and wide-angle IPS. IPS goes mainstream with the HP EliteDisplay E271i 27-inch IPS LED Backlit Monitor, a business-class combination of an extra-large screen, extra-wide viewing angles, and extraordinary comfort.

Product image may differ from actual product. [1]High-definition (HD) content required for HD playback.

HP displays

Specifications	HP x2401 24" LED Backlit Monitor	HP ProDisplay P201 20" LED Backlit Monitor	HP ProDisplay P221 21.5" LED Backlit Monitor	HP EliteDisplay E201 20" LED Backlit Monitor
Brightness	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²
Contrast ratio	1000:1 static; 5000000:1 dynamic	1000:1 static; 3000000:1 dynamic	1000:1 static; 3000000:1 dynamic	1000:1 static; 5000000:1 dynamic
Pixel pitch	0.277 mm	0.2768 mm	0.248 mm	0.276 mm
Response time	12 ms on/off	5 ms on/off	5 ms on/off	5 ms (on/off)
Displays size (diagonal)	70 cm	50.8 cm	54.6 cm	50.8 cm
View angle	178° horizontal; 178° vertical	170° horizontal; 160° vertical	170° horizontal; 160° vertical	170° horizontal; 160° vertical
Display features	Anti-glare; User Programmable; Language selection; Plug and Play	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls
Resolution	1920 x 1080	1600 x 900	1920 x 1080	1600 x 900
Aspect ratio	Widescreen (16:9)	Widescreen (16:9)	Widescreen (16:9)	Widescreen (16:9)
Tilt and swivel angle	Tilt: +10 to +35°	Tilt: -5 to +25°	Tilt: -5 to +25°	Tilt: -5 to +30°; Swivel: 360°
Ports	N/A	N/A	N/A	3 USB 2.0 (one upstream, two downstream)
Physical security	N/A	Security Lock-Ready	Security Lock-Ready	Security lock ready
Power consumption	N/A	22 W (maximum), 20 W (typical), < 0.5 W (standby)	28 W (maximum), 22 W (typical), < 0.5 W (standby)	30 W (maximum), 22 W (typical), 0.5 W (standby)
Power	External Power Source and power adapter; Power consumption: 24W maximum, 23W typical; Standby mode: <0.5W	Input voltage: 100 to 240 VAC	Input voltage: 100 to 240 VAC	Input voltage: 90 to 265 VAC

Product image may differ from actual product.

HP displays

Specifications	HP EliteDisplay E221c 21.5" Webcam LED Backlit Monitor	HP EliteDisplay E231 23" LED Backlit Monitor	HP EliteDisplay E271i 27" IPS LED Backlit Monitor	HP Z Display Z22i 21.5" IPS LED Backlit Monitor
Brightness	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²
Contrast ratio	1000:1 static; 5000000:1 dynamic	1000:1 static; 5000000:1 dynamic	1000:1 static; 5000000:1 dynamic	1000:1 static; 5000000:1 dynamic
Pixel pitch	0.248 mm	0.265 mm	0.311 mm	0.248 mm
Response time	7 ms gray to gray	5 ms (on/off)	7 ms gray to gray	8 ms gray to gray
Displays size (diagonal)	54.6 cm	48.2 cm	68.6 cm	54.6 cm (21.5")
View angle	178° horizontal; 178° vertical	170° horizontal; 160° vertical	178° horizontal; 178° vertical	178° horizontal; 178° vertical
Display features	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls	Plug and Play; Anti glare; User programmable; Language selection; On-screen controls
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Aspect ratio	Widescreen (16:9)	Widescreen (16:9)	Widescreen (16:9)	Widescreen (16:9)
Tilt and swivel angle	Tilt: -5 to +30°; Swivel: 360°	Tilt: -5 to +30°; Swivel: 360°	Tilt: -5 to +30°; Swivel: 360°	Tilt: -5 to +30°; Swivel: 360°
Ports	3 USB 2.0 (one upstream, two downstream)	3 USB 2.0 (one upstream, two downstream)	3 USB 2.0 (one upstream, two downstream)	3 USB 2.0 (one upstream, two downstream)
Physical security	Security lock ready	Security lock ready	Security lock ready	Security Lock-Ready
Power consumption	42 W (maximum), 27 W (typical), 0.4 W (standby)	36 W (maximum), 33 W (typical), 0.5 W (standby)	40 W (maximum), 35 W (typical), 0.5 W (standby)	31W (maximum), 26W (typical), 0.5W (standby)
Power	Input voltage: 90 to 265 VAC	Input voltage: 90 to 265 VAC	Input voltage: 100 to 240 VAC	Input voltage: 90 to 265 VAC

Product image may differ from actual product.

HP displays

Specifications	HP Z Display Z24i 24" IPS LED Backlit Monitor	HP Z Display Z27i
Brightness	300 cd/m²	350 cd/m²
Contrast ratio	1000:1 static; 5000000:1 dynamic	1 000:1 static 5 000 000:1 dynamic
Pixel pitch	0.27 mm	0,233 mm
Response time	8 ms gray to gray	8 ms gray to gray
Displays size (diagonal)	61 cm	68,6 cm (27")
View angle	178° horizontal; 178° vertical	178° horizontal; 178° vertical
Display features	Plug and Play; Anti glare; User programmable; Language selection; On-screen controls	Plug-and-Play; Anti-glare; User programmable; Language selection; On-screen controls
Resolution	1920 x 1200	2560 x 1440
Aspect ratio	Widescreen (16:10)	Widescreen (16:9)
Tilt and swivel angle	Tilt: -5 to +30°; Swivel: ±45	Tilt: -5 to +20°; Swivel: ±45°
Ports	5 USB 2.0 (one upstream, four downstream)	1 VGA; 1 DisplayPort (with HDCP support); 1 DVI-D (with HDCP support); 1 HDMI (with HDCP support), 5 USB 3.0 (one upstream, four downstream)
Physical security	Security Lock-Ready	Kensington Lock-ready
Power consumption	55 W (maximum), 36 W (typical), 0.5 W (standby)	75 W (maximum), 60 W (typical), > 0.5 W (standby)
Power	Input voltage: 90 to 265 VAC	Input voltage: 100 to 240 VAC

Product image may differ from actual product.

HP displays services

HP Care Pack Services

Warranty upgrade

Focus on your business—we've got you covered.

HP Care Pack Services make buying and renewing support easy and flexible. When you purchase an HP product, from HP or from a reseller, it's easy to find the right support alternative. Just pick the one that matches your needs: buy exactly the level of support you need—no more, no less.

Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

		Standard up to 22"	Standard up to 22"	Large Screen 23"-29"	Standard LCD/CRT/RPOS up to 22"
	Parts/Labour/Onsite Service in years	**1/1/0**	**1/1/1**	**1/1/0**	**3/3/3**
	Base Warranty				
Next Business Day	3-year	UD950E	UE366E	UD950E	
	4-year	U0A96E	UE367E	U0A96E	U7934E
	5-year	U0A97E	UE368E	U0A97E	U7935E
	Post Warranty				U4925PE

HP thin clients

HP's worldwide market-leading thin client solutions help you improve manageability, security and reliability to deliver real business results from your virtual computing environment. Through innovative, affordable platforms, HP offers your business dependable value with their complete, integrated thin client solutions that are easy to deploy and manage.

Product image may differ from actual product.

HP recommends Windows.

HP's ready for business.

Zero

- PCoIP imaging performance
- Lock-tight security
- Zero management

Smart Zero

- 1-wire, all-in-one simplicity
- Affordable, PC-like performance
- 3 performance protocols

Flexible

- Flexible connectivity
- Multiple expansion ports
- Exceptional security

Mobile

- Reliable performance
- Flexible expansion options
- Enhanced security

HP t310 Zero Client

Industry leading and proven enterprise technology that delivers lower ownership costs to server-based computing—ideal for transaction-based applications that require maximum security. HP Thin Clients are designed for businesses requiring desktop-like performance and PCs that are easy to deploy and manage, providing unprecedented investment protection and guaranteed uptime.

HP t410 Smart Zero Client

Zero management. Zero configuration. Zero compromise. Built with intuitive, auto-sensing technology for client virtualization environments that demand PC-like performance with simple deployment set-up and flexible protocol support.

HP t510 Flexible Thin Client

Support your virtualization environment with the HP t510 Thin Client—a significant upgrade performance with built-in energy efficiency, smart connectivity features and easy set-up guides for your PC-like multimedia needs.

Product image may differ from actual product.

HP thin clients

HP t620 Flexible Thin Client

Choose from a range of ports to support your business now and in the future. Available options include VGA, Serial or Fiber NIC—and additional legacy serial and parallel ports on the PLUS chassis. Enjoy easy connections to your peripherals with eight USB ports. Front and rear audio jacks support cleaner multimedia installations.

HP t620 PLUS Flexible Thin Client

Choose from a range of ports to support your business now and in the future. Available options include VGA, Serial or Fiber NIC—and additional legacy serial and parallel ports on the PLUS chassis. Enjoy easy connections to your peripherals with eight USB ports. Front and rear audio jacks support cleaner multimedia installations.

HP mt40 Mobile Thin Client

The Thin Client Tailored for Business. Rely on high reliability, low ownership costs and extended product life with the HP mt40. Enjoy PC-like performance, proven processing power, and flexible battery options that keep up with your schedule. The bead-blast aluminum display enclosure and wear-resistant finish polish off the HP mt40 with a professional, lightweight design.

HP Care Pack Services

Focus on your business—we've got you covered.

HP Care Pack Services make buying and renewing support easy and flexible. When you purchase an HP product, from HP or from a reseller, it's easy to find the right support alternative. Just pick the one that matches your needs: buy exactly the level of support you need—no more, no less.

Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

Recommended	Description of Services	Options
Next business day onsite	Enjoy total piece of mind and maximum productivity. HP sends an authorised service representative[1] to your site the next business day for repair, if the problem can't be resolved remotely	4-year, 5-year[2]

Product image may differ from actual product. [1]Onsite service level may not be available in all geographies. In some instances, onsite services may be performed by an HP Authorised Service Technician. [2]Some options may not be available in all devices.

HP thin clients

HP recommends Windows.

Specifications	HP t310 Zero Client	HP t410 Smart Zero Client	HP t510 Flexible Thin Client	HP t620 Flexible Thin Client
Display	N/A	N/A	N/A	N/A
Expansion slots	N/A	1 ExpressCard/54; 1 Secure Digital	N/A	N/A
Ports	4 USB 2.0; 1 RJ-45; 1 microphone; 1 headphone; 1 speaker; 1 power connector; 1 DVI-D; 1 DVI-I	4 USB 2.0; 1 RJ-45; 1 microphone; 1 headphone; 1 power connector	6 USB 2.0; 1 serial; 1 parallel; 2 PS/2; 1 RJ-45; 1 DVI-I; 1 DVI-D; 1 DVI-I (DVI-to-VGA adapter included)	Front: 2 USB 2.0, 2 USB 3.0, 1 Headphone, 1 Microphone; Rear: 2 USB 2.0, 2 DisplayPort 1.2, 1 RJ45, 1 Audio Line-in, 1 Audio Line-Out, 1PS/2 KB, 1 PS/2 Mouse, 1 Configurable Port= 1 Serial (Default) or Fiber NIC or VGA; Hidden: 2 USB 2.0
Ports note	Two of 4 USB 2.0 ports used for keyboard and mouse	Two of 4 USB 2.0 ports used for keyboard and mouse	2 of the 6 USB 2.0 located in secure compartment	N/A
Browser supported	N/A	Firefox 8 via web add-on	Microsoft Internet Explorer 9 (for models with Windows Embedded Standard 7); Microsoft Internet Explorer 8 (for models with Windows Embedded Standard 2009); Microsoft Internet Explorer 6 (for models with Windows Embedded CE 6.0); Firefox (for models with HP ThinPro and HP Smart Zero Technology)	Mozilla Firefox, Internet Explorer
Power	Worldwide auto-sensing 36W, 100-240 VAC, 50-60 Hz	24W worldwide auto-sensing, 100-240 VAC, 50-60 Hz	65 W, worldwide auto-sensing, 100-240 VAC, 50-60 Hz energy saving automatic power-down, surge tolerant	65W worldwide auto-sensing 100-240 VAC 50-60Hz surge-tolerant power supply
Processor speed	N/A	1 GHz	N/A	AMD GX-217GA Dual-Core APU with AMD Radeon HD 8280E graphics (1.65 GHz); AMD GX-415GA Quad-Core APU with AMD Radeon HD 8330E (1.5 GHz)
Protocols	N/A	Citrix ICA; Citrix HDX; Microsoft RDP; Microsoft RemoteFX (RFX); VMware Horizon View through RDP; VMware Horizon View through PCoIP	Citrix ICA; Citrix HDX; Microsoft RDP; Microsoft RemoteFX (RFX); VMware Horizon View through RDP; VMware Horizon View through PCoIP	Citrix Receiver, Microsoft Remote Desktop Client, VMware Horizon View Client, Remote Graphics Software (RGS), HP TeemTalk Terminal Emulator, Free RDP
Protocols note	N/A	Protocols are dependent on operating system installed	Protocols are dependent on operating system installed	Protocols are dependent on operating system installed

Product image may differ from actual product.

HP thin clients and thin clients services

HP recommends Windows.

Specifications	HP t620 PLUS Flexible Thin Client	HP mt40 Mobile Thin Client
Display	N/A	35.6 cm (14")
Expansion slots	1 half-height PCIe x16 (x4 channels)	1 ExpressCard/54; 1 Secure Digital
Ports	Front: 2 USB 2.0, 2 USB 3.0, 1 Headphone, 1 Microphone; Rear: 2 USB 2.0, 2 DisplayPort 1.2, 1 RJ45, 1 Audio Line-in, 1 Audio Line-Out, 1PS/2 KB, 1 PS/2 Mouse, 1 Configurable Port= 1 Serial (Default) or Fiber NIC or VGA; 1 Riser Card/ Expansion Slot (PCIe 2nd Gen, x16 slot with x4 channels), 1 additional serial, 1 additional Parallel; Hidden: 2 USB 2.0	1 USB 2.0; 1 eSATA/USB 2.0 combo; 1 AC power; 1 DisplayPort 1.1a; 1 docking connector; 1 RJ-45; 1 secondary battery connector; 1 stereo headphone/line-out; 1 stereo microphone in; 1 VGA; 2 USB 3.0
Ports note	3 DVI-I available with quad-head graphics configurations only	N/A
Browser supported	Mozilla Firefox, Internet Explorer	N/A
Power	85W worldwide auto-sensing 100-240 VAC 50-60Hz surge-tolerant power supply	External 65W HP Smart AC Adapter; HP Fast Charge (not apply to the HP Ultra Extended Life or 9-cell batteries)
Processor speed	AMD GX-420CA Quad- Core APU with AMD Radeon HD 8400E graphics (2 GHz)	N/A
Protocols	Citrix Receiver, Microsoft Remote Desktop Client, VMware Horizon View Client, Remote Graphics Software (RGS), HP TeemTalk Terminal Emulator, Free RDP	N/A
Protocols note	Protocols are dependent on operating system installed	N/A

HP Care Pack Services

Warranty upgrade, faster response time and enhanced protection services

Focus on your business—we've got you covered.

HP Care Pack Services make buying and renewing support easy and flexible. When you purchase an HP product, from HP or from a reseller, it's easy to find the right support alternative. Just pick the one that matches your needs: buy exactly the level of support you need—no more, no less.

Please check HP Care Pack availability for your country at: **hp.com/go/cpc**

		Thin Clients	Mobile Thin Client
	Parts/Labour/Onsite Service in years	**3/3/0**	**3/3/0**
	Base Warranty		
Next Business Day Exchange	3-year	U4847E	UK737E
	4-year	U7927E	UK743E
	5-year	U7929E	UK744E
	Post Warranty	U4848PE	UK738PE
Next Business Day	4-year	UD798E	
	5-year	UD799E	
	Post Warranty	U6569PE	

Product image may differ from actual product.

HP retail solutions

Complete HP solutions bridging the past to the future & integrating across platforms to address major retail trends.

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HP retail solutions

Affordable, purpose-built products that leverage HP innovation & scale.

Point of Sale

Broad portfolio of point of sale systems and accessories to meet various retailer needs.

Digital Signage

Striking signage to engage and inform customers.

HP RP3 Retail System Model 3100

The compact and affordable HP RP3 Retail System provides retailers of all sizes with reliability and connectivity features that help maximise operating cost efficiency.

HP RP5800 Retail System

Advanced features enable retailers to standardise on one system to run mission critical operations. Expandable and highly configurable for easy implementation into your existing ecosystem; choose operating systems, Intel® processors, storage, and memory.

HP RP7 Retail System Model 7800

Get ready for the next-generation all-in-one retail solution from HP. Sleek, stylish, and able to effortlessly integrate into your current environment, the HP RP7 Retail System can be customised for everything you need and nothing you don't.

HP Retail Integrated Barcode Scanner

HP Wireless Barcode Scanner

HP Retail Mobile POS Jacket

Product image may differ from actual product. See more accessories on pages 53 - 63. [1]Compatible only with HP L6017tm and HP L6015tm retail displays.

HP retail solutions

HP recommends Windows.

Specifications	HP RP3 Retail System Model 3100	HP RP5800 Retail System	HP RP7 Retail System Model 7800
Expansion slots	N/A	1 low-profile PCIe x1; 2 full-height PCIe x1; 1 low-profile PCIe x16	N/A
Memory slots	1 SODIMM	4 DIMM	2 SODIMM
Memory upgrade	Upgradeable to 8 GB	Upgradeable to 16 GB	Upgradeable to 16 GB
Ports	5 USB 2.0; 1 24V powered USB; 2 RS-232 (powered); 1 parallel; 1 12V powered USB; 2 PS/2 (keyboard and mouse); 1 RJ-12 (cash drawer); 1 VGA; 1 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45	7 USB 2.0; 1 24V powered USB; 2 serial; 1 PS/2 keyboard; 1 PS/2 mouse; 1 VGA; 1 DisplayPort; 1 DVI out; 1 audio in; 1 audio out; 1 RJ-45; 1 RJ-12 (cash drawer)	6 USB 2.0; 2 USB+PWR 12V; 1 USB+PWR 24V; 1 USB in lockable compartment; 1 RJ-12 (cash drawer); 2 RS-232 (powered); 1 parallel; 1 PS/2; 1 DVI-I; 1 RJ-45; 1 audio in; 1 audio out; 1 DC in; 1 DC out; 4 USB connectors (for select HP integrated peripherals)
Power	115 W 85% efficient, active PFC	240W 90% efficient - Active PFC	External 180W, 87% efficient, active PFC
Chipset	Intel® HM65 Express	Intel® Q67 Express	Intel® Q67 Express
Internal drive bays	Two 6.4 cm (2.5")	Two 8.9 cm (3.5")	Two 6.4 cm (2.5")
External drive bays	N/A	One 13.3 cm (5.25")	N/A
Form factor	N/A	Point of Sale	All-in-one
Management features	N/A	Intel® vPro™ Technology; Intel® Standard Manageability; HP Client Catalog for Microsoft SMS; HP SoftPaq Download Manager; HP Systems Software Manager	N/A
Security management	Security cable with Kensington lock (sold separately)	TPM 1.2 Embedded Security Chip integrated with Broadcom NIC (TPM module disabled where use is restricted by law); HP ProtectTools Security Software Suite with BIOS Configuration (serial, parallel, USB enable/disable), Credential Manager, Smart Card Manager (sold separately); USB + PWR 12V Cards (sold separately); Power Configurable Serial Port Card COM 3 & 4 (sold separately); Wall Mount (sold separately); HP Desktop Security Lock Kit (lock and cable) (sold separately); Security cable with Kensington lock (sold separately); HP Rear Port/Cable Control Cover (sold separately)	Kensington lock and padlock loop

Product image may differ from actual product.

HP accessories

Get the most out of your HP technology investment with genuine HP accessories.

Product image may differ from actual product.

HP accessories

HP offers all the accessories you need—with a range of features and prices.

Maximum productivity

Innovative, ergonomic accessory solutions for any environment

- Productive & secure in the office
- Powered & connected on the go

Tested compatibility

Rigorously tested to work with HP business notebooks

- Plug & play simplicity
- Business-class testing standards
- Award-winning service & support

HP 90W Smart AC/Auto/Air Combo Adapter

With the HP 90W AC/Auto/Air Combo Smart Adapter you can experience true power-charging flexibility at work, at home, and your car. Just use the "charging switch" to select the right voltage levels, and even power your notebook while on a plane.

HP 65W Smart Travel AC Adapter

Work smarter on the road and around the world with the HP Smart 65W Travel AC Adapter, a convenient and portable laptop power source for use in mobile environments.

HP 230W Slim Adapter

HP includes a high quality AC adapter with each HP Business Notebook, HP Slate, HP Mini and HP Docking Station. Designed and tested to ensure optimum power support, the adapter also charges the notebook's internal battery simultaneously when connected.

Product image may differ from actual product.

HP accessories

HP 2.1 Compact Speaker System

With two speakers and a 10.2 cm (4") sub-woofer, this compact system fills the room with rich, full sound. There's a wired control for on/off, and a headphone jack for private listening.

HP H8000 Wireless Headset

The HP Wireless Headset H8000 is so light-weight and comfortable you'll wear it all day long to chat, listen to music, watch movies or play games.

HP Digital Premium SE Edition Headset

The HP Premium Digital Headset Black Special Edition delivers a pulse-pounding perfor-mance with its digital USB connection. Comfort is also a major call of duty for this dynamic headset. Plus, the breakthrough style puts an edgy design in your cross-hairs.

HP X4000b Bluetooth Mouse

Be more productive on the go with the sleek, stylish HP X4000b Bluetooth Mouse that's comfortable wherever you work best and complements your HP Business Notebook, Ultrabook™ or tablet PC.

HP Comfort Grip Wireless Mouse

The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks.

HP USB 1000dpi Laser Mouse

Obtain the speed and accuracy of laser track-ing in a simple, elegant design with the HP USB 1000dpi Laser Mouse—for the latest in laser sensing technology.

HP X5500 Wireless Mouse

With the force of a lightning bolt, the HP Wireless Mouse X5500 grabs your soul and won't let go. Its modern design expresses sleek athleticism. Hyper-fast scrolling delivers potent productivity. Battery life can last a game-changing 24 months.

HP X4500 Wireless (White) Mouse

With the force of a lightning bolt, the HP Wire-less Mouse X4500 grabs your soul & won't let go. Its modern design expresses sleek athleti-cism. Battery life can last a game-changing 30 months.[3] Precise laser sensor works on most every surface.[4]

HP X4500 Wireless (Metal Black) Mouse

With the force of a lightning bolt, the HP Wireless Mouse X4500 grabs your soul & won't let go. Its modern design expresses sleek athleticism. Battery life can last a game-changing 30 months.[3] Precise laser sensor works on most every surface.[4]

Product image may differ from actual product. [3]Actual battery life will vary with use and environmental conditions. The maximum capacity of the battery will naturally decrease with time and usage. [4]Laser sensor is not guaranteed to work on glass surfaces.

HP accessories

HP Notebook Battery Charger

The HP Notebook Battery Charger makes it easier than ever to charge a backup battery on the go.

HP ElitePad 10W A/C Adapter

Power up. Carry on. Charge your tablet with the light and versatile HP ElitePad 10W AC Adapter. The compact, lightweight design is perfect for traveling.

HP ElitePad HDMI/VGA Adapter

PC ports. Minus the PC. Connect easily to an external display or projector with the HP ElitePad HDMI & VGA Adapter and share presentations and demos on a larger screen.

HP ElitePad USB Adapter

PC ports. Minus the PC. Connect easily to a mouse, keyboard, printer, flash drive, external hard drive, media player, camera, or any other USB device with the HP ElitePad USB Adapter.

HP ElitePad Ethernet Cable

PC ports. Minus the PC. Quickly connect to a corporate network and transfer data, share files, or print documents with the HP ElitePad Ethernet Adapter.

HP 65W Slim Adapter

Work smarter on the go with the HP 65W Slim Adapter, a convenient and portable laptop power source for use in mobile environments.

HP HDMI to VGA Adapter

The HP HDMI to VGA Adapter maximises the display functionality of your HP Ultrabook™ or Notebook PC by converting the HDMI output signal to an analog VGA input for easy connecting to an external VGA display for dual-display productivity.

Creative Recon3D PCIe Audio Card

Creative's latest audio revolution, Sound Blaster Recon3D PCIe Audio.

HP BA06 Long Life Battery

The HP BA06 Long Life Battery is a slice battery that slides onto the bottom of the HP EliteBook Folio 9470m Notebook PC to help you be productive longer than using the primary battery alone.

Product image may differ from actual product.

HP accessories

HP Business Top Load Case

Comfortably carry your notebook and everyday accessories in the stylish and durable HP Business Top Load Case.

HP Professional Top Load Case

Offering ample storage space for folders and other documents alongside a laptop up to 39.62 diagonal centimeter (15.6”), the HP Professional Top Load Case holds everything you need for a busy day in and out of the office or around the world.

HP Professional Backpack Case

Combining comfort and function, the HP Professional Backpack Case is designed to hold a laptop up to 39.62 diagonal centimeter (15.6”) plus everything you need for a busy day or a week on the go.

HP Professional Slim Top Load Case

Designed for business pros who want a protective laptop case without the bulk, the HP Professional Slim Top Load Case delivers ample storage in a stylish, slim design.

HP Business Nylon Carrying Case

HP Business Nylon Carrying Case is designed inside and out with features that will be appreciated by a mobile traveller. Made from durable nylon, the case offers a large top load compartment with plenty of room to organise materials, plus store business cards, cell phones and other supplies. It can carry a notebook up to 40.89 cm (16.1”) and also includes a neoprene pouch for a mini or thin-and-light notebook up to 30.73 cm (12.1”).

HP Business Nylon Backpack

HP Business Nylon Backpack offers a sturdy, all-purpose backpack for mobile professionals and students alike. Constructed from durable nylon, with extra padding in the back and shoulder straps, it is designed with comfort in mind. A foam padded handle also makes it easy to lift or carry. Easily transport a notebook up to 43.92 cm (17.3”), or store a mini or thin and light notebook up to 30.73 cm (12.1”) inside a neoprene built-in pocket.

HP Business Slim Top Load Case

The HP Business Slim Top Load Case is a compact, stylish, and durable case designed for the sleek and lightweight HP slim profile business notebooks up to 35.81 diagonal centimeter (14.1”) screens.

HP Professional Leather Case

Designed for business while combining style and function in a protective laptop carrying case, the HP Professional Leather Case has a polished exterior that complements its functional yet richly finished interior.

HP Deluxe 4 Wheel Roller Case

The HP Deluxe 4 Wheel Roller is a durable nylon case designed to carry everything you need for an overnight trip. An outer compartment features divided sections to store important files and business essentials. The case’s main compartment includes padded pockets that can hold a laptop up to up to 43.94 diagonal centimeter (17.3”) in size, plus additional cables and cords. The third, oversized compartment provides plenty of room for a change of clothes, shoes and personal toiletries. A retractable handle locks in two convenient heights.

Product image may differ from actual product.

HP accessories

HP Essential Top Load Case

The HP Essential Top Load Case is a light and durable notebook carrying case that includes high-density foam cushioning to protect your notebook up to 39.62 diagonal centimeter (15.6”) while traveling between meetings or in and out of the office.

HP Essential Backpack

The HP Essential Backpack is a great notebook carrying solution for both students and business professionals.

HP Essential Messenger Case

The HP Essential Messenger Case is a messenger style carrying case designed for HP business notebooks with up to a 43.94 diagonal centimeter (17.3”) screen.

HP ElitePad Case

Sophistication. Durability. We’ve got you covered. Carry your HP ElitePad in an executive-style case that doubles as a stand on a desk or in any other work area.

HP ElitePad Rugged Case

Help protect your HP ElitePad wherever you work with a business rugged designed for use in busy, high-traffic environments.

HP Display and Notebook Stand

The perfect home base for the business traveler who is constantly on the go - turn your HP Business Notebook into a desktop solution supporting up to two displays (notebook display plus external display). The adaptable design of the HP Adjustable Display Stand can accommodate a range of notebook sizes with the innovative adjustable shelf.

HP 2012 230W Advanced Docking Station

HP offers a full line of docking stations designed exclusively for select HP Business Notebook platforms so you can maintain the connectivity and comfort of your laptop at a fixed station.

HP 2012 230W Docking Station

HP offers a full line of docking stations designed exclusively for select HP Business Notebook platforms so you can maintain the connectivity and comfort of your laptop at a fixed station.

HP 2012 120W Advanced Docking Station

HP offers a full line of docking stations designed exclusively for select HP Business Notebook platforms so you can maintain the connectivity and comfort of your laptop at a fixed station.

Product image may differ from actual product.

HP accessories

HP 2012 90W Docking Station

HP offers a full line of docking stations designed exclusively for select HP Business Notebook platforms so you can maintain the connectivity and comfort of your laptop at a fixed station.

HP 2570p Docking Station

The HP 2570p Docking Station is designed exclusively for 31.75 diagonal centimeter (12.5") HP EliteBook Notebook PCs, and delivers port replication for even the smallest and lightest HP Business Notebooks.

HP 3005pr USB 3.0 Port Replicator

Everything you need every day, ready with one simple connection. The HP 3005pr USB 3.0 Port Replicator is our ultimate platform-independent hot desking solution. Get online, make up to six of your everyday USB devices immediately available, and expand your productivity with connection to two external displays—all through one USB 3.0 cable.[1,2,3]

HP 2005pr USB 2.0 Port Replicator

The HP 2005pr USB 2.0 Port Replicator is your go-to, platform-independent hot-desking solution for getting online and immediately connecting to an external display and up to four USB-connected devices—all through one USB 2.0 cable.[1,3]

HP ElitePad Docking Station

Charge your HP ElitePad back at the desk with the HP ElitePad Docking Station, or set up your tablet as a secondary screen and be a master multi tasker.

HP USB 3.0 3005pr Port Replicator

Use the included USB cable to easily connect to all of your peripherals for a complete desktop setup.

HP UltraSlim Docking Station

Designed exclusively for UltraSlim HP EliteBook Notebook PCs, the HP UltraSlim Docking Station expands display, network, and device connectivity so you can be more productive throughout the day—all through a simple one-click slide-in side dock.

NVIDIA Quadro K3000M Graphics Card

The NVIDIA Quadro® K3000M graphics board (N14E-Q1) is a graphics processing unit (GPU) module designed using the MXM™ version 3.0 Type B specification.

NVIDIA NVS 310 512MB Graphics Card

Expand and enhance graphics performance, and support a dual-display environment with the NVIDIA® NVS™ 310 512MB Graphics Card—ideal for your small form factor business PC.

Product image may differ from actual product. [1]Copyright-protected content (HDCP) will not be displayed on devices connected through the port replicator (such as external drives, display adapters, and monitors). [2]Two external displays with 1920 x 1200 resolution each are available when connected through a USB 3.0 connection from the notebook to the port replicator. 2560 x 1600 resolution is available on a single external display connected through USB 3.0 connection from the notebook to the port replicator. 1920 x 1200 resolution is available on a single external display when connected through USB 2.0 connection from the notebook to the port replicator. [3]Internet connection required.

HP accessories

NVIDIA Quadro 600 1.0GB Graphics Card

The low-profile NVIDIA Quadro® 600 is the newest entry-level professional graphics solution, delivering maximum productivity and flexibility for engineers and designers.

NVIDIA Quadro 2000 1.0GB Graphics Card

The NVIDIA Quadro® 2000, based on Fermi architecture, maximises productivity for engineers and designers by up to 5 times.

NVIDIA Quadro 4000 2.0GB Graphics Card

Accelerate your entire workflow with NVIDIA's High End Quadro® 4000 graphics card: Up to 5X faster 3D application performance scaling over previous generation Quadro® FX3800; GPGPU applications run 8X faster on Quadro® GPUs compared to other processors Revolutionary Quadro® GPU architecture.

NVIDIA Quadro K5000 4GB Graphics Card

The NVIDIA Quadro® K5000 graphics board is a PCI Express 2.0 full-height form factor graphics add-in card based on the GK104 Kepler architecture graphics processing unit (GPU).

NVIDIA Quadro 6000 6.0GB Graphics Card

The NVIDIA Quadro® 6000, part of the newest NVIDIA Quadro® professional solutions, is a true technological breakthrough, delivering up to 5X faster performance across a broad range of design, animation and video applications.

AMD FirePro V3900 1GB Graphics Card

Introducing the AMD FirePro V3900 professional graphics accelerator from AMD. With 1GB of fast DDR3 frame buffer memory, the V3900 is ideally suited for CAD/CAM and DCC (digital content creation) workflows that typically use small to medium sized datasets and require excellent 3D viewport performance.

HP Wireless TV Connect Kit

Wirelessly stream HD 1080P content from your PC to the biggest screen in your home.[1] Watch movies. Play games. Update Facebook© & Twitter©. Surf YouTube®. Web chat. Share photos. Just one easy connection with HP's WHDI PC adapter[2] and you're ready to play.

HP Executive Tablet Pen

Touch, Write. Use it your way. Write messages and notes in your own handwriting directly on your HP tablet PC screen. Then save it—or convert it to typed text to use in other applications.

HP Wireless Keyboard and Mouse

The HP Wireless Keyboard and Mouse places advanced functionality and ease of operation at your fingertips. Stop hiding wires and regain a clutter-free work space with a cordless keyboard, cordless laser mouse and USB wireless receiver in a single package—built with the environment in mind.

Product image may differ from actual product. [1]Requires any PC with available HDMI and USB port. [2]Requires available HDMI port on PC.

HP accessories

HP 14.0 Privacy Filter

No more need to worry about prying eyes. This unique HP built-to-fit solution ensures confidential business data, personal information and financial records are visible only to the person sat directly in front of the notebook display.

HP 15.6 Privacy Filter

Limit unwelcome "from the side" display viewing, especially when used in constrained or limited spaces with the HP Privacy Filter. The HP Privacy Filter narrows the viewing angle of your notebook display so that people on either side see a dark, blank screen.

HP 12.5-inch Privacy Filter

HP Privacy Filters help you protect your onscreen data by concealing your notebook screen from viewing by passersby and people seated nearby. The filter diminishes the readability for anyone not seated directly in front of the notebook while maintaining the onscreen resolution for the individual user.

HP Docking Station Cable Lock

The HP Docking Station Cable Lock is dramatically simpler to use than previous locks and delivers enhanced security. The HP Docking Station Cable Lock gives you two locking options: lock the docking station only (which also prevents access to the advanced docking stations drive bay) or lock both the docking station and the notebook.

HP Ultraslim Keyed Cable Lock

Secure your HP Ultrabook™ or laptop PC quickly and easily with the HP Ultraslim Keyed Cable Lock.

HP 500GB 7200rpm SATA SFF SED Hard Drive

Add a layer of security to your high-capacity workstation storage solution with the HP 500 GB SATA SED HDD, which includes self-encrypting drive (SED) technology that adds authentication parameters to your drive to help protect your data.

HP Slim BDXL Blu-Ray Drive

Quickly and easily back up your data and create and edit professional-quality HD video content with the HP Slim Blu-ray BDXL SATA Drive and integrated CyberLink Media Suite. Enjoy read-write capabilities with CDs, DVDs, and Blu-ray discs.[1,2]

HP Mobile USB NLS DVD-RW Drive

The HP Mobile DVD/RW provides an external companion optical drive to accompany a notebook or mini that does not have an internal drive. The external drive provides CD/DVD support as well as read/write functionality. An AC adapter is included.

HP 160GB SATA Solid State Drive

Solid State Drives (SSDs) are fast becoming a real force with respect to storage in the computer industry. With no moving parts, storage is no longer bound by mechanical barriers to higher performance. HP SSDs for workstations offer overall performance typically beyond that of SAS 15k rpm HDDs (Hard Disk Drives).

Product image may differ from actual product.

HP accessories

HP 1TB SATA 6Gb/s 7200 Hard Drive

SATA 7200 rpm drives are our standard high bandwidth hard drive storage options; most workstation models are also available with high performance 10K rpm rotation speeds. Storage capabilities range up to a massive 2.0 TB.

HP 2TB SATA 6Gb/s 7200 Hard Drive

SATA 7200 rpm drives are our standard high bandwidth hard drive storage options; most workstation models are also available with high performance 10K rpm rotation speeds. Storage capabilities range up to a massive 2.0 TB.

HP ElitePad Productivity Jacket

More than a case. It's built-in intelligence. Boost your productivity with a keyboard, two USB ports, SD card reader, and an adjustable stand, all in one.

HP Slim Bluetooth Keyboard

The HP Slim Bluetooth Keyboard is a thin and light wireless keyboard that helps you type comfortably without cables getting in the way. Use it with your laptop or tablet at the office, at home, or wherever you work best.

HP ElitePad Expansion Jacket

HP ElitePad Expansion Jacket

HP Business 4 Wheel Roller Case

Carry your notebook and all the essentials you need for a day at the office or an overnight business trip with the stylish and durable HP Business 4-Wheel Roller Case, the case with the space for everything.

Product image may differ from actual product. [1] Don't copy copyright-protected materials. [2] Blu-ray is a format containing new technologies. Certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. Playing back Blu-ray HDCP (High-bandwidth Digital Content Protection) content such as commercially-distributed Blu-ray HD movies requires a fully HDCP compliant path on your computer. HD DVDs are not supported.

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