

EMPOWER YOUR ENTERPRISE



Windows®. Life without Walls™. HP Recommends Windows 7.

HP COMPAQ 8100 ELITE BUSINESS PC

Designed with the latest technology to enhance your enterprise PC experience

Take enterprise computing to the next level with HP's premier business product line, the HP Compaq 8100 Elite Series.

Impressive, Intelligent Performance

The HP Compaq 8100 Elite incorporates Intel's newest PC architecture, code-named Nehalem. The Intel® Q57 Express chipset and Core™ processors represent the next step in faster, multi-core technology that intelligently maximizes performance to match your workload. The new Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors are built on advanced technology that helps automatically apply processing power where it's needed most for enhanced multitasking and energy efficiency.

Maximum Manageability

Maximize productivity in your managed IT environment using Intel® Core™ Processors with vPro™ Technology. This advanced set of IT management features and capabilities include out-of-band management, making remote PC support possible without a working operating system environment.

Stability and Dependability

Depend on 15-month minimum purchase lifecycles, image stability and client management solutions to fit every enterprise. Proactive HP Product Change Notifications are available so you can be alerted to any system or image changes up

to 60 days in advance, to minimize surprises or downtime.

Built for Efficiency

Lower your operating costs with energy efficient features and improved power saving technology such as new processors, 89% energy efficient power supplies, a solid state storage drive, and power management solutions supporting lower energy usage and costs.

Built to Protect

HP ProtectTools™ Security Software Suite comes standard, helping you safely secure your hardware, software, firmware and OS. An embedded Trusted Platform Module (TPM) 1.2 compliant security chip provides hardware-based encryption capabilities to help enhance data protection.

With HP's innovative PC design, Intel's newest business PC architecture and a choice of two versatile form factors, the HP Compaq 8100 Elite Series is the right choice today.

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Standard Features and Configurable Components. Availability may vary by country.

Form Factor

Small Form Factor (SFF)

Convertible Microtower (CMT)

Operating System

Pre-installed

Genuine Windows Vista Business 32*
 Genuine Windows Vista Home Basic 32*
 Genuine Windows 7 Professional 32**
 Genuine Windows 7 Professional 64**
 Windows XP Professional available through downgrade rights from Genuine Windows 7 Professional***
 Genuine Windows 7 Home Premium 32**
 Genuine Windows 7 Home Premium 64**
 Genuine Windows 7 Home Basic 32**
 FreeDOS

Chipset

Intel® Q57 Express supporting Intel® Core™ processors with vPro Technology¹

Processors

Intel® Core™ i7, i5 and i3 processors;² Intel® Pentium processors²

Memory support³

Four (4) DIMM slots
 Up to 16 GB DDR3 SDRAM

Hard drive⁴

160GB to 1 TB SATA Hard Disk Drive
 64 GB Solid State Drive

Removable media

Serial ATA Optical Disc Drives: DVD-ROM, SuperMulti LightScribe DVD Writer,^{5,6} Blu-ray Writer^{5,7}. HP 22-in-1 Media Card Reader

Expansion bays

External: One (1) 3.5-inch, one (1) 5.25-inch
 Internal: One (1) 3.5-inch

External: Three (3) 5.25-inch
 Internal: Three (3) 3.5-inch

Expansion slots

One (1) low profile PCI
 One (1) low profile PCIe x1
 Two (2) low profile PCIe x16

Three (3) full height PCI
 One (1) full height PCIe x1
 Two (2) full height PCIe x16

Graphics

Integrated Intel Graphics Media Accelerator HD or discrete graphics support
 NOTE: A discrete graphics card is required when choosing a quad core processor

Audio

Realtek ALC261 HD Audio

Communications

Intel 82578 GbE Network Connection

I/O ports and connectors

Front: four (4) USB 2.0, microphone, headphone
 Rear: six (6) USB 2.0, PS/2 keyboard and mouse, line in, line out, VGA, DisplayPort, RJ-45 Network, serial port

Input devices

HP PS/2 or USB Standard Keyboard, Washable Keyboard,⁶ SmartCard Keyboard,⁶ Mini Keyboard⁶
 HP PS/2 2-button optical scroll mouse or HP USB 2-button laser mouse or HP USB optical scroll mouse

Power

240W active PFC
 240W 89% efficient active PFC³

320W active PFC
 320W 89% efficient active PFC³

Dimensions (h x w x d)

100 x 338 x 378.5 mm
 3.95 x 13.30 x 14.9 in

447.8 x 177.8 x 444.5 mm
 17.63 x 7.00 x 17.5 in

Weight

7.6 kg
 16.72 lb

11.15 kg
 24.54 lb

Limited warranty and services

3-3-3 limited warranty delivers on-site, next business-day service for parts and labor and includes free telephone support 24 x 7; other HP Care Pack Services⁸ available see <http://www.hp.com/go/lookuptool>

*Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.msp. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor. **This system may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See <http://www.microsoft.com/windows/windows7/> for details. ***Windows® XP Professional is preinstalled on this system and includes end user rights and media for Windows 7 Professional. You may only use one version at a time. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data. 1. vPro Technology - Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility with future "virtual appliances" and Microsoft Windows 7 operating system is yet to be determined. 2. 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. See www.intel.com/info/em64t for more information. Dual/Quad Core is designed to improve performance of certain software products. Not all customers will necessarily benefit from the use of this technology. Intel's numbering is not a measurement of higher performance. 3. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements. Dual Channel is only supported when the system is configured with DDR3 symmetric memory (i.e. 2 x 2GB). 4. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8GB (for XP and XP Pro), up to 10 GB (for Vista) and up to 16 GB (for Windows 7) of disk space is reserved for the system recovery software. 5. Optional feature sold separately or as an add on feature. 6. Don't copy copyright-protected materials. Actual speeds may vary. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1 Media. LightScribe creates a monochrome image. LightScribe media required and sold separately. 7. Blu-Ray is a new 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. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this Desktop PC. 8. Service levels and response times for HP Care Packs may vary depending on geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit www.hp.com/go/carepack.

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