



HP Compaq 8100 Elite Desktop PC series

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.



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

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 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.



THE
COMPUTER
IS PERSONAL
AGAIN.



HP Compaq 8100 Elite Desktop PC series

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

SPECIFICATIONS

Form factor	Convertible Minitower	Small Form Factor
Operating system	Genuine Windows® 7 Professional 32 Genuine Windows® 7 Professional 64 Genuine Windows Vista® Business 32 Genuine Windows Vista® Home Basic 32 Windows XP Professional (available through downgrade rights from Genuine Windows® 7 Professional) Genuine Windows® 7 Home Basic 32	Genuine Windows® 7 Professional 32 Genuine Windows® 7 Professional 64 Genuine Windows Vista® Home Basic 32 Windows XP Professional (available through downgrade rights from Genuine Windows Vista® Business) Genuine Windows® 7 Home Basic 32 FreeDOS
Processor	Intel® Pentium® Dual-Core G6950 Processor (2.80 GHz, 3 MB total cache); Intel® Core™ i3-530 Processor (2.93 GHz, 4 MB total cache); Intel® Core™ i3-540 Processor (3.20 GHz, 4 MB total cache); Intel® Core™ i5-650 Processor (3.20 GHz, 4 MB total cache); Intel® Core™ i5-660 Processor (3.33 GHz, 4 MB total cache); Intel® Core™ i5-670 Processor (3.46 GHz, 4 MB total cache); Intel® Core™ i5-750S Processor (2.40 GHz, 8 MB total cache); Intel® Core™ i7 Processor 860 (2.80 GHz, 8 MB L2 cache)	
Chipset	Intel® Q57 Express	
Memory	From 1 GB to 16 GB DDR3-Synch DRAM PC3-8500 and PC3-10600 non-ECC (single or dual channel configurations)	
Internal Storage	250, 320, 500 or 1 TB SATA 3.0GB/s	
Removable media	SATA DVD-ROM SATA SuperMulti LightScribe DVD Writer	
Graphics	Integrated Intel® HD Graphics (Graphics memory is shared with system memory. Graphics memory usage can vary from 8 to 512 MB depending on the amount of system memory installed and system load. Does not apply to configurations with quad core processors); Nvidia NVS 3100 SH Graphics Card; Nvidia Quadro NVS 290 Graphics Card; Nvidia Quadro NVS 295 Graphics Card; ATI Radeon HD 4550 Graphics Card; ATI Radeon HD 4650 DP Graphics Card	Integrated Intel® HD Graphics (Graphics memory is shared with system memory. Graphics memory usage can vary from 8 to 512 MB depending on the amount of system memory installed and system load. Does not apply to configurations with quad core processors); Nvidia NVS 3100 SH Graphics Card; Nvidia Quadro NVS 290 Graphics Card; Nvidia Quadro NVS 295 Graphics Card; ATI Radeon HD 4550 Graphics Card
Audio	Integrated HD audio with Realtek ALC261 codec, internal PC speaker	
Communications	Integrated Intel® 82578 GbE Network Connection	
Ports and Connectors	10 USB 2.0; 1 serial; 1 serial (optional 2nd); 1 parallel (optional); 1 eSATA (optional); 1 PS/2 keyboard; 1 PS/2 mouse; 1 VGA; 1 DisplayPort; 1 microphone in; 1 audio headphone jack; 1 line in; 1 line out; 1 RJ-45	
Input devices	HP Standard Keyboard (PS/2 or USB), HP USB Smartcard Keyboard HP 2-Button Optical Scroll Mouse (PS/2 or USB), HP USB 2-Button Laser Scroll Mouse	
Software	On some models only (not included with FreeDOS): Microsoft® Office Trial Version; HP ProtectTools Security Suite; HP Software Management Agent; PDF Complete; HP Power Manager; HP Firefox Virtual Browser; Computer Setup Utility; McAfee Anti-virus Trial version; Roxio Creator Business; Corel WinDVD	
Security	Trusted Platform Module (TPM) 1.2; Stringent Security (via BIOS); SATA Port Disablement (via BIOS); Drive Lock; RAID Configurations; HP ProtectTools security software; 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; Kensington Lock; HP Business PC Security Lock	
Dimensions	44.45 x 44.78 x 17.78 cm	37.85 x 10.0 x 33.8 cm
Weight	15.42 kg	8.1 kg
Power	Input voltage 90 – 264 / 100 – 240 VAC, 50/60 Hz, 47 – 63 Hz, active PFC (89% High Efficiency)	
Expansion Solutions	3 full-height PCI; 1 full-height PCIe x1; 2 full-height PCI x16; 1 22-in-1 Media Card Reader (optional) 3 – 13,3 cm (5.25"); 3 – 8,9 cm (3.5")	2 low-profile PCIe x16; 1 low-profile PCIe x1; 1 low-profile PCI; 1 22-in-1 Media Card Reader (optional) 1 – 8,9 cm (3.5"); 1 – 13,3 cm (5.25"); 1 – 8,9 cm (3.5")
Warranty	Protected by HP Services, including a 3-3-3 standard warranty delivering 3 years of parts and 3 year of both labour and on-site repair. Response time is next business-day and includes free telephone support 9 x 5. Terms and conditions vary by country. Certain restrictions and exclusions apply	

For more information, please visit www.hp.com/eur/desktops

© Copyright 2009 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

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/windows-7/> for details. Windows 7 Professional disk may be included for future upgrade if desired. To qualify for this downgrade an end user must be a business (including governmental or educational institutions) and is expected to order annually at least 25 customer systems with the same custom image.

Intel, Core and Pentium are registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Microsoft, Windows and Windows Vista are trademarks of the Microsoft group of companies. Windows Vista® is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

4AA2-0706EEE. February 2010



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

Accessories and Services

HP USB PS2 Washable
Keyboard



The HP USB PS2 Washable Keyboard is well-suited for environments that require keyboards to be immersed and cleaned with the following solvents: soap, washing-up liquid, non-abrasive cleaners, general purpose cleaners, bleach, disinfectant.

Product number: VF097AA

HP 2-GB PC3-10600
(DDR3-1333 MHz)
DIMM



Maximize your Business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.

Product number: AT024AA

ATI Radeon HD 4550
(512 MB) DH PCIe x16
Graphics Card



The ATI Radeon HD 4550 DH PCIe x16 Graphics Cards provide a low profile, PCI Express x16 graphics add-in card solution based on the ATI RV710 Graphics Processor. These cards support Dual Display video output through its DMS-59 and TV-Out connectors.

Product number: SG764AA

HP 1-TB SATA
(NCQ/Smart IV)
3.0-Gb/s Hard Drive



HP Serial ATA Hard Drives maximize the performance of HP Business PCs by providing the technologies to meet your increasing storage demands with high-capacity drives offering superior reliability and performance.

Product number: VU353AA

HP Business PC Security
Lock



This handy device ensures your desktop PC remains exactly where it is by locking the chassis cover and securing it to an anchor point. The steel loop cable is also designed to prevent unauthorised removal of keyboard, monitor and all peripherals.

Product number: PV606AA

3 years Next Business
Day Onsite with
Defective Media
Retention, excl. External
Monitor, HW Support



Retain your defective media for disposal in a way that meets your security standards, and receive high quality onsite and remote support from HP.

Product number: UE332E