the desktop pc re-invented

With the e-pc, HP has re-invented the desktop PC. It represents the evolution of the classic PC into a smaller, simpler and more reliable device. Both the corporate and small business versions combine the benefits of the e-pc concept with the values of HP's Vectra and Brio product families.

- **Still a true PC:**
  The HP e-pc is still a true PC. Its solid performance will meet the needs of most users, and because it runs legacy operating systems it fits seamlessly into your existing IT infrastructure.

- **Small:**
  About the size of a dictionary and weighing only eight pounds (3.86 kg), the HP e-pc fits discreetly into any office environment.

- **Simple and reliable:**
  The HP e-pc is simpler than a classic PC. With fewer legacy components, it decreases the failure risk by 35%. The innovative, modular design of the HP e-pc–hard disk drive, system chassis and power supply–brings the serviceability to a level where end-users can swap modules themselves, resulting in reduced downtime.

- **Easy to control:**
  The "sealed box" concept of the HP e-pc combined with the unique HP port control system provides unmatched desktop control.

simplify your e-business with hp small business e-pcs

HP small business e-pcs provide the performance and ease-of-use needed by SMBs. With HP small business e-pcs you get more than a good quality PC at an affordable price–you get a solution to bring your business on to the Internet, and a stress-free computing experience.

at a glance

new technology highlights:

The small business e-pc is ready to roll out with your existing IT infrastructure. Equipped with the essential features of an HP small business PC, the e-pc s10 includes:

- Choice of processing power:
  — Intel® Pentium® III 800EB MHz to 933 MHz processor with 256 KB full-speed level-2 cache.
  — Intel® Celeron™ 633 MHz to 700 MHz processor with 128 KB full-speed level-2 cache.
- 64 MB or 128 MB SDRAM
- 10 GB or 20 GB 5400rpm, or 40 GB 7200 rpm (flexible offer) hard disk storage
- Integrated Intel® 3D Direct AGP for fast, high-quality 2D and 3D graphics
- 3Com Fast Etherlink 10/100Base-TX integrated LAN solution
- HP 24X Max-speed slim CD-ROM drive
- Cirrus Logic 20-bit AC'97 sound integrated
- Microsoft® Windows® 98 Second Edition, Windows® 2000 Professional

e-business ready

All HP small business e-pcs come equipped with HP e-center*, a comprehensive Internet package that enables you to easily connect to the Internet, access business information and utilize resources that will help develop your e-business. One-click access to the Internet will get you up and running online in minutes. A small business portal provides access to a set of free services as well as customized SMB information and tips. You can bring your business online with innovative tools that let you create your own web site and develop an online store. You can also leverage promotions and special offers from suppliers and business partners providing a variety of products and services specifically for SMBs.

Additionally, HP small business e-pcs feature the HP USB e-modem, the HP Internet keyboard and scrolling mouse. The keyboard features six customizable 'hot' buttons that let you connect directly to the Internet, access your email application, and manage your company web site.

hp usb e-modem

HP's newly designed 56K V90 USB e-modem provides a simple and secure solution. You can now enjoy the benefits of a modem that is both internal and external—because this modem is integrated within the cable. This means that it is secure and can be locked to the e-pc. And its lightweight, compact design makes it ultra small and portable.

* Only available in some countries

e-pc system features

package	- Ultra-small, desk-space-saving desktop package - Sealed and secured package - Locking mechanism - Easy hard disk drive replacement - HP scrolling mouse - HP Internet keyboard with programmable hot keys - External AC Adaptor: 19V 60W 100-240V 50-60 Hz
port control system	- Ergonomic cable management - Protection against theft of peripherals - No out-of-control peripheral additions - Lockable
processor	- Intel® Celeron™ 633 MHz to 700 MHz processor (66 MHz System bus) - Intel® Pentium® III 800EB MHz to 933 MHz processors (133 MHz System bus)
chipset	- Intel® 810E chipset with 66 MHz, 100 MHz or 133 MHz System bus - Includes Advanced Configuration and Power Interface (ACPI)
cache	32 KB internal level-1 Cache - Intel® Celeron™: 128 KB internal level-2 Cache - Intel® Pentium® III: 256 KB internal level-2 Cache
memory	64 MB or 128 MB SDRAM (non ECC)
hard disk drive	10 GB or 20 GB – 5400 rpm – SMART III (self-monitoring analysis and reporting technology) – 66 MB/s transfer rate 40 GB (flexible offer) – 7200 rpm
optical storage	24X Max-speed slim CD-ROM
audio subsystem	- Integrated high-quality Cirrus Logic AC'97 audio - DirectX support 20-bit stereo digital audio recording and playback; full duplex
built-in i/o	- One 25-pin parallel port (ECP/EPP bi-directional Centronics supporting IEEE 1284) - One 9-pin serial port (16550 UART) - Two PS/2 connectors for keyboard and mouse (Mini-DIN) - Two stacked Universal Serial Bus (USB) ports for easy reconfiguration, attachment, and hot swapping of external peripherals - One 15-pin VGA connector - Audio ports (stereo-in, stereo-out, microphone-in) - One RJ-45 Ethernet port (10/100Base-T)

graphics subsystem

video graphics	▪ Intel® 810E integrated graphics chipset:
	  – Optimized 2D and 3D performance and visual quality
	  – Direct AGP
	  – Dynamic Video Memory technology

graphics memory	▪ Uses part of system memory (up to 11 MB) ; allocates 4 MB display cache with dynamic video memory technology
available graphics drivers	▪ Windows® 98, Windows® 2000

maximum resolutions

HP ergonomic modes support these non-interlaced resolutions for Microsoft ® Windows® 98 and Windows® 2000:

resolution	256 colors (8-bit)	32K colors (16-bit)	16.7M colors (24-bit)
640 x 480	60–85 Hz	60–85 Hz	60–85 Hz
800 x 600	56–85 Hz	56–85 Hz	60–85 Hz
1024 x 768	60–85 Hz	60–85 Hz	60–85 Hz
1280 x 1024	60–85 Hz	60–85 Hz	60–85 Hz
1600 x 1200	60–75 Hz		

software

operating system	▪ **HP supported operating systems:** Microsoft® Windows® 2000 Professional, Windows® 98 Second Edition ▪ **Other certified operating systems:** Novell Client for Microsoft® Windows® 2000 Professional, Windows® 98 Workstation (on going certification) Linux distributions: RedHat, TurboLinux, SuSE, Caldera More information about the Linux operating system is available on the HP desktop PC web site: http://www.hp.com/desktops/linux
provided software[1]	▪ Microsoft® Windows® 98 Second Edition, Windows® 2000 Professional, Microsoft® Works 2000 or Word 2000 or Microsoft Office 2000 Small Business Edition ▪ HP Toptools agent ▪ HP e-Diagtools hardware diagnostic software ▪ 3Com LAN driver ▪ HP e-center (refer to "e-business ready") ▪ Trellix web site design software [2] *Note 1*: HP Assist CD-ROM for easy software system recovery is shipped in the box with the HP small business e-pc *Note 2:* Available in some countries
software available from the web	▪ fusionOne data synchronization service* * *Note*: US only

communication features

ethernet lan interface	▪ 3Com Fast Etherlink 10/100Base-TX ▪ Wake on LAN support
hp usb e-modem	▪ 56K V90 USB e-modem

remote booting	▪ 3Com Managed PC Boot agent multiprotocol firmware to enable pre-boot capabilities in a networked environment
	  – Enables remote automated installation and pre-OS desktop management
	  – Supports multiple protocols (DHCP, BootP, PXE, NCP/IPX, and RPL)
	  – Compliant with today's industry standards: Wired for Management (WfM) 2.0 and PC 99

network administration guide	▪ Information on remote booting and network setup in all supported environments is available on the web http://www.hp.com/go/e-pcsupport
available lan drivers	▪ Latest LAN information and drivers available from HP desktop PC support web site http://www.hp.com/go/e-pcsupport

ergonomics

ergonomic and environmental design	▪ Video modes supporting non-interlaced resolutions up to 1600 x 1200 at ergonomic refresh rates up to 75-85 Hz
	▪ EPA ENERGY STAR® certified***** (Windows® 98 and Windows® 2000 Professional operating systems only)
	▪ Large selection of MPRII- and EPA ENERGY STAR® certified displays
	▪ CFC-free manufacturing process; single plastic for easy recycling
	▪ Optimized desk-space–saving desktop package
	▪ Control panel keeps user aware of PC status:
	  – On/Off switch integrated in the surface to avoid accidental power-off
	  – On/Off green LED (blinks for sleep mode)

	* *Note:* As an ENERGY STAR partner, HP has determined that this product meets the ENERGY STAR guidelines for energy efficiency (on appropriate models)

regulatory compliance and approvals

safety approvals
- C-UL 1950 3rd edition listed
- NOM-019-SCFI-1993
- IRAM
- IEC 60950: 1991 +A1 +A2 +A3 +A4
- EN 60950: 1992 +A1 +A2 +A3 +A4 +A11
- Low Voltage Directive 73 / 23 / EEC, both amended by the directive 93 / 68 / EEC
- TÜV-GS Mark
- PCBC
- GOST
- MITI
- PSB
- CCEE, CCIB
- IAA
- AS/NZS32

electromagnetic compatibility
- FCC part 15 class B
- ICES-003/NMB-003 Class B
- EMC Directive 89/336/EEC amended by Directive 93/68/EEC
- CISPR 22: 1993 Class B, EN55022: 1998
- IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-4-4, IEC 801-3
- VCCI Class B
- BSMI
- RRL
- C-TICK

e-pc specifications

physical characteristics

		metric	non-metric
system	dimensions (without keyboard)	8.9 cm × 24.0 cm × 27.2 cm	3.5 in. wide × 9.4 in. high × 10.7 in. deep
	weight (without keyboard)	3.86 kg	8.3 lb
keyboard	dimensions	45.8 cm x 18.1 cm x 3.8 cm	18.1 in. wide x 7.1 in. deep x 1.5 in. high

environmental conditions

		metric	non-metric
temperature	operating	5° to 35°C	41° to 95°F
	non-operating	−40° to 70°C	−40° to 158°F
humidity	operating	15% to 80% RH	15% to 80% RH
	non-operating	8% to 85% RH (noncondensing) at 40°C	8% to 85% RH (noncondensing) at 104°F

electrical characteristics

		metric	
input voltage	power supply: auto-range	100-240 VAC	
	input voltage	100-240 VAC	
	frequency	50 Hz/60 Hz	
power supply	maximum	60W	
power consumption	idle	31W	
	maximum	40W	
	sleep mode ACPI	5W	
	off	3W	

acoustic emission

sound level (LwA)	typical	<=36dB	

small business e-pc companions

hp 802.11b USB wireless lan and small business access point

- HP/Lucent 802.11b wireless LAN small business access point allows for shared Internet access for up to 15 e-pcs as it comes with an integrated 56K V90 modem. The USB WLAN offers scalability to a small business by enabling newcomers an easy plug and play to have access to company file and print share. As long as your PCs are within range of one another, the USB WLAN offers an easy way to set up small wireless workgroup networks as well as enabling two PCs to communicate wirelessly. The USB wireless LAN adapter contains 64-bit encryption to provide you "real time" security, by providing fast, secure and easy-to-set-up networks.

hp usb compact flash reader

- HP's new USB compact flash reader offers an ideal link between your desktop, compact flash Type II devices and IBM Microdrives. It enables you to exchange data quickly and easily by simply dragging and dropping files and digital images from your compact flash memory card to your desktop and back. You will enjoy transfer rates up to 20x faster than what a serial port would offer. And as you will no longer have to connect your camera to your e-pc for downloads, you will also save your camera's battery life.

hp l1510 lcd/e-pc integration kit

- The HP L1510 LCD/e-pc integration kit enables the HP e-pc to be placed on a monitor pedestal to form an integrated HP L1510 LCD/e-pc product, for a stylish, space-saving design. You can choose whether you wish to integrate them, or keep them as two separate parts. The kit is supplied with a cable-set that enables a fast and elegant connection to e-pc VGA and audio ports (microphone).

monitors

HP has the right monitor for you at the right price. Detailed information is available at: http://www.hp.com/go/monitors

commercial name	screen type	crt size /vis*	dot/pixel pitch	resolution: recommanded/maxi (@ xxHz)	horizontal frequency
hp 55	Flat square	15.0-inch 13.8-inch viewable area	0.28 mm	800 x 600 @ 85 Hz 1024 x 768 @ 60 Hz	30 - 54 kHz
hp 72	Flat square	17.0-inch 15.9-inch	0.27 mm	1024 x 768 @ 85 Hz 1280 x 1024 @ 60 Hz	30 - 70 kHz
hp 91	Flat square	19.0-inch 18.0-inch viewable area	0.26 mm	1280 x 1024 @ 85 Hz 1600 x 1200 @ 75 Hz	30 - 95 kHz
hp p700	Flat face	17.0-inch 16.0-inch	0.24 mm	1024 x 768 @ 85 Hz 1280 x 1024 @ 75 Hz	30- 86 kHz
hp p920	Flat face / aperture grille	19.0-inch 18.0-inch	0.24 mm	1280 x 1024 @ 85 Hz 1920 x 1440 @ 70Hz	29 - 107 kHz
hp p1120	Flat face / aperture grille	21.0-inch 19.8-inch	0.24 mm	1600 x 1200 @ 85 Hz 1920 x 1440 @ 75Hz	30 - 121 kHz
hp l1510	LCD	15.0-inch 15.0-inch	N/A	1024 x 768 @ 60 Hz 1280 x 1024 @ 75 Hz	N/A
hp l1810	LCD	18.0-inch 18.1-inch	N/A	1280 x 1024 @ 60 Hz 1280 x 1024 @ 85 Hz	N/A

* *Note:* VIS is viewable size image

Go to the HP monitor advisor tool at: http://www.hp.com/go/monitors and select "Help me choose my HP monitor", for assistance in choosing the appropriate HP monitor. When selecting a monitor you should take into consideration the main application running on your PC, or any other criteria such as cost or space requirements.

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e-business ready

Available on all HP small business PCs and e-pcs, the HP e-center is an integrated, one-stop solution that provides SMBs with the power to conduct business online.

hp e-center provides you with:

internet sign up[1]	HP has teamed up with telecommunications industry leaders[2] to make setting up the company Internet connection a snap. Following a few simple steps, the HP small business PC or e-pc user is online in minutes
	Note 1: Available in the following countries only: United States, United Kingdom, France, Germany, Italy, Spain, Netherlands and Ireland
	Note 2: US: AOL, Compuserve and AT&T, UK: AOL and British Telecom, France: AOL and Wanadoo, Germany: AOL, Italy: TinIT, Netherlands: Compuserve, Spain: Telefonica, Ireland: Eircom
business customer center	Once the small business is connected, HP and a leading portal company[3] deliver a customized business portal complete with easy access to HP product and services, personalized business news, and small-business tips
	Note 3: US: HP Business Customer Center, UK: British Telecom, France and Germany: Excite
your web site (offline)	The Trellix web software package integrated into the HP e-center takes the user through a simple, step-by-step process to create, publish and enhance a customized company web site. In addition to the simple web site creation capabilities offered by Trellix web, customers can now access SmartAge.com [4], which provides users with integrated web promotional tools. Once the web site has been published, the user can add e-commerce capabilities and easily build an online store
	Note 4: US only
synchronize my data[4]	Teaming up with fusionOne, HP is the only PC vendor offering this powerful Internet-based service that enables users to update calendars, e-mail, files, contact lists and other information on multiple devices and work more efficiently. fusionOne seamlessly keeps personal content up-to-date across many computing and communication devices, including PCs, personal digital assistants (PDAs), and wireless phones
	Note 4: US only
hp special offer	Leverage promotions and special offers from HP and business partners providing a variety of products and services specifically for SMBs

All HP small business PCs and e-pcs come standard with the HP Internet keyboard and a scrolling mouse to offer you the best of Internet at your fingertips. The HP Internet keyboard provides 6 programmable hot keys that give you direct access to Internet, to your mail and to your company web site.

stress-free computing

HP small business PCs and e-pcs are backed by HP quality and award-winning support, and provide a simplified support experience through HP e-Diagtools.

warranty*	▪ A 3-year return to bench for the CPU and free parts exchange for the keyboard, mouse, power supply, hard disk drive, and USB e-modem for the 3-year warranty period ▪ A 3-year on-site or customer replaceable option available * *Note:* Europe and North America only
support	24 hours a day, 7 days a week, there is always a way to reach HP support: ▪ Web technical support including BIOS and driver updates, white papers and additional product information ▪ HP 3-year free hardware diagnostic phone support (24 hours a day, 7 days a week in U.S. Standard business hours in other regions) ▪ For more information, go to http://www.hp.com/go/e-pcsupport and click on Assistance to find the telephone number of the HP customer care center near you

fault management	▪ SMART III (self-monitoring and reporting technology)
	   – Monitors hard disks and warns of potential hard disk drive failures
	   – Notifies end-users and network administrator of potential problems
	 ▪ Proactive notification of virus infection (local and remote) to DMI console like HP Toptools
	 ▪ Hardware diagnostics
	   – Hardware diagnostic software for identification of failed components and faster troubleshooting (HP e-Diagtools), accessible at boot or from HP assist CD-ROM
	   – Result of hardware diagnostic stored in a support ticket file, ready to be sent to support provider through Internet connection

software recovery	▪ HP assist CD-ROM for easy software system recovery shipped in the box with the HP small business e-pc
instant support	▪ HP instant support automates and speeds the resolution of computing problems, freeing you from time-consuming diagnostic chores and allowing you to focus on more important business activities. Featuring web-based diagnosis and resolution capabilities, HP instant support can be personalized to meet your business needs and deliver the support experience that works for you. For more information, go to: http://www.hp.com/go/instantsupport

Whatever your business need, HP has the monitor for you. Optimized for your HP desktop PCs, HP monitors deliver the performance you need, the quality you expect, at the right price
http://www.hp.com/go/monitors

For more information on HP e-pcs, go to: http://www.hp.com/go/e-pc

HP recommends Windows® 2000 Professional for business.

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