



Toshiba Portege A200 - PP415E-00J005EN

£669.97 inc.vat



Summary

The Portege A200 is a perfect choice for both business and pleasure. It features an instantly recognisable, attractive and trendy look and also offers excellent portability and exceptional on-the-road performance with a formidable combination of power, multimedia and storage - all in a lightweight and highly portable package.

- Intel Pentium M 725 1.6GHz Processor with **Intel Centrino technology**
- 256MB DDR SDRAM
- 40GB Hard Drive
- DVD/CD-RW Combo Drive - To read DVDs and CDs and write CDs
- **12.1" TFT display**
- 802.11g Wireless LAN and 10/100 LAN adaptors - **Call for advice on Wireless networking**
- 56K Fax / Modem
- Weight: 2.0Kg
- 3.5 hours average battery life
- Microsoft Windows XP Professional Pre-Loaded and **Microsoft OneNote** (worth £175)
- 1 Year international warranty - **upgradeable to 3 years for only £115**
- **All laptops come with either full restore disks or a restore partition, Power Adaptor and leads**

- **FREE Vodafone 3G Data card Offer!**

Technical Specifications

Processor

Motherboard architecture	AGP x 4-bus, PCI-bus
Processor front side bus	400 MHz
Chipset	Intel® 855GM + ICH4-M integrated in Intel® Centrino Mobile Technology
Motherboard manufacturer	Intel®
Processor Clock Speed	1.60 MHz

Disk drive

Total Storage Capacity	40 GB
Hard disk desktop or notebook?	Notebook
Hard disk interface	Enhanced IDE (ATA-5)
Hard disk number of heads	3
Hard disk number of plates	2
Hard disk height	9.5 mm
Hard disk rotational speed	4.200 RPM

Display

Display Resolution	1.024 x 768 pixels
LCD brightness levels 1-8	10, 23, 47, 68, 88, 106, 128, 151 cd/m²
Display response rise/fall	32/32 ms
Display diagonal	12.1 "
Display manufacturer	Toshiba

Display	TFT colour display CSV
Contrast ratio (typical)	200:1
Number of colours	16.7 M
Pixel Pitch	0.240 x 0.240 mm
Memory	
Maximum internal memory	2 GB
Internal memory expansion module sizes	256, 512, 1000 MB
Internal memory type	DDR RAM
Video	
Internal video mode, resolution	1.024 x 768 pixels
External video modes non-interlaced resolution with max. refresh rate	1.280 x 1.024 pixels
External video modes max. refresh rate	100 Hz
External video modes max. resolution	2.048 x 1.536 pixels
External video modes maximum refresh rate (non interlaced)	85; 75; 100 Hz
External video adapter resolution	1.400 x 1.050; 1.920 x 1.440; 2.048 x 1.536; 800 x 600; 1.024 x 768; 1.600 x 1.200; 1.280 x 1.024; 640 x 480
Internal video modes maximum number of colours	16.7 M
Optical Drive	
CD/DVD drive buffer size	2048 MB
CD-RW/DVD-ROM interface	Enhanced IDE
CD/DVD maximum speed	Read: CD-ROM 24x, DVD-ROM 8x, Write: 24x CD-R, 4x CD-RW, 10x HS CD-RW, 16x US CD-RW
CD/DVD drive manufacturer	Toshiba
Audio	
Audio compression formats	16-bit stereo
Number of built-in speakers	Built-in speaker
Audio system direct 3D sound	Y
Audio system direct sound	Y
Audio system full duplex	Y
Audio system maximum sampling rate	48 kHz
Built-in microphone	built-in microphone array
Audio system manufacturer	Analog Devices
Audio System	AD1981B
Keyboard	
Keyboard special features	Toshiba console button and Internet browser button
Hot keys	2
Keyboard inlaid numeric keypad	Y
Number of keyboard cursor keys	4
Keyboard key stroke	1.75 mm
Keyboard key pitch	19 x 17.67 mm
Keyboard function keys	13
Windows keys	2
Keyboard number of keys	85
Keyboard manufacturer	Darfon
Networking	
Wireless technology	Wireless LAN (802.11b/g dual-mode integrated network support)
Wireless compliancy	Wi-Fi
Networking topology	Ethernet; international V.92 modem
Operating system/software	
Bundled software	on-line user's and modem manual; Toshiba utilities and drivers; Sonic¿ Record Now!; ConfigFree; WinDVD; Toshiba Management Console

Certificates	
Certification	S.M.A.R.T.
Environmental conditions	
Non-operating altitude	-60 - 10.000 m m
Operating altitude relative to sea level	-200 to 10.000 feet
Operating maximum thermal gradient	15°C/hour °C/hr
Operating temperature range (T-T)	5 - 35 °C
Non-operating vibration with/without CD-ROM drive installed	1G (1G)
Non-operating shock with/without CD-ROM drive installed	60G (60G)
Non-operating altitude relative to sea level	-200 to 30.000 feet
Storage temperature range (T-T)	-20 - 65 °C
Operating relative humidity range	20-80% (non-condensing) %
Operating altitude	-60 - 3.000 m m
Non-operating relative humidity (non-condensing)	10-90% non-condensing %
Energy management	
Battery life	up to 3.5 (Mobile Mark) h
Battery performance	10.8V x 4400 mAh
Battery type	main
AC adapter power dissipation	60 W
AC adapter output current	4 A
AC adapter output voltage	15 V
AC adapter frequency	50, 60 Hz
AC adapter input voltage	autosensing AC adapter (100/240) for worldwide usage V
Battery Technology	Lithium-Ion
Connectivity	
Wireless communication manufacturer	Intel® PRO/Wireless 2200BG LAN Mini PCI adaptor
Wired communication connector	RJ-45; RJ-11
Wired communication features	remote boot; ring wake-up resume
Wired communication type	82562ET; Scpio AC 97 soft modem
Wired communication manufacturer	Intel®; Agere
I/O ports	3 x USB 2.0; 1 x headphone (stereo); 2 x built-in speaker; 1 x built-in microphone; 1 x SD Card slot; x external microphone; 1 x i.LINK® (IEEE 1394); 1 x RJ-45; 1 x RJ-11; 1 x TV-out (NTSC/PAL; RCA connector); 1 x external monitor; 1 x DC-in
System Requirements	
Compatible operating systems	Genuine Windows XP® Professional
Security	
Security Features	built-in modem/LAN (by screw); user password; slot for Kensington Cable Lock; HDD password on request; main memory (by screw); keyboard lock; main hard disk (by screw); system password security
BIOS	
BIOS Plug and Play support	Y
BIOS DDC support	Y
BIOS VESA support	Y
BIOS DPMS support	Y
BIOS advanced power management	Y
BIOS flash ROM	CMOS Flash EPROM
System management BIOS	2.3
BIOS ACPI	1.0b
BIOS manufacturer	Toshiba
Weight & dimensions	
AC adapter weight	262 g

Weight	160 g
Dimensions W x D x H	279 x 238 x 35 mm

Technical details

Battery recharge time (off)	2.5 h
Battery recharge time (on)	4, 10 h
L2 Cache	2 KB
Fixed network speed	10/100 Base-TX Ethernet LAN; 56 data (V.92) and 14.4 fax (V.17) Kbit/s
Volume dial	Y
Storage Capacity	256 GB
Operating vibration with/without CD-ROM drive installed	0.25 G (0.2 G) G
Operating shock with/without CD-ROM drive installed	1.5 G (7 G)
Expansion type	1 x PC Card Type II; 2 x memory slots
Device read/write media compatibility	CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R (read only), DVD-RW (read only), DVD-RAM (read only)
Pointing device	Touch Pad
Bundled hardware	AC Power Cable; AC adaptor
Casework	polycarbonate ABS
Special Features	SM BIOS compliant
Type	Intel® Centrino mobile technology including Intel® Pentium® M processor 725, Intel® PRO/Wireless 2200BG network connection and Intel® 855GM chipset
Drive device, buffer size	0.002 MB

Price correct as at Saturday, October 16, 2010 12:57 PM. Please check the website for the latest price.