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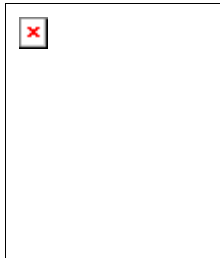
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Technical Support

HP OmniBook 2100 and 3100 PCs - Product Specifications

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Model Numbers

HP OmniBook 2100 PC

Part number	Model	Operating System	Speed
F1584W	2101	Microsoft (R) Windows 95	200 MHz MMX Processor
F1580W	2103	Windows 95	233 MHz MMX Processor
F1581W	2105	Windows 95	233 MHz MMX Processor
F1584N	2102	Windows NT 4.0	200 MHz MMX Processor
F1580N	2104	Windows NT 4.0	233 MHz MMX Processor
F1581N	2106	Windows NT 4.0	233 MHz MMX Processor

HP OmniBook 3100 PC

Part number	Model	Operating System	Speed
F1582W	3101	Windows 95	266 MHz MMX Processor
F1582N	3102	Windows NT 4.0	266 MHz MMX Processor

Product Identification (Location of Serial Number)

DMI accessible electronic serial number

Product Features

Base Processor

PC	Processor
HP OmniBook 2100 PC	200 and 233 megahertz (MHz) Intel Mobile Pentium (R) Processor with MMX technology
HP OmniBook 3100 PC	266 MHz Intel Mobile Pentium Processor with MMX technology

Supported Operating Systems

Windows 95 or Windows NT 4.0 (pre-installed)

Memory: Standard, Maximum, and Slots

Random Access Memory (RAM)	
Standard	32 megabytes (MB) SDRAM on board
Maximum	One slot open for RAM expansion up to 96 MB using HP RAM modules; maximum expansion up to 16 MB

Cache Memory

* 32 KB L1 cache

* 512 KB L2 cache

Display Size and Resolution

* 13.3 inch SXGA TFT

* 1024 by 768 by 64 K colors

Video

* 128 bit NeoMagic graphics controller with 2 MB video RAM

* Zoomed Video support for one slot

Hard Disk

4.0 gigabytes (GB) removable hard disk

Advanced Power Management 1.2

* Built-in warnings are displayed for low-battery conditions.

* The HP OmniBook PC automatically turns off when the battery charge gets too low; your session continues when you start recharging the battery or insert a fresh battery.

* Data on any of the drives is not affected by a low battery, unless the battery runs down completely while writing unsaved data to the drive.

Audio

* 16 bit; Sound Blaster Pro-compatible

* 3D enhanced audio

* Stereo sound via two built-in speakers

* Line-in, speaker out, and microphone-in ports; built-in microphone

Battery

Battery

* Rechargeable 8 cell lithium-ion battery with LCD fuel gauge; 14.4 volts dc (Vdc)

* Battery life (one battery): 2.0 to 3.0 hours; Dual battery operation for up to 6.0 hours

* Battery recharges to full in less than 2.0 hours with ac adaptor while HP OmniBook PC is on

Plug-In Modules**HP OmniBook 2100, 3100 Accessories**

Part Number	Accessory
F1587A	24X internal CD-ROM drive
F1363A	16 MB RAM expansion module
F1364A	32 MB RAM expansion module
F1365A	64 MB RAM expansion module
F1385A	2100 MB hard disk
F1588A	3200-MB hard disk
F1386A	4000-MB hard disk
Future	Dock module bay adaptor (Q3, 1998)
F1384A	3.5-inch internal/external floppy disk drive
F1388A	Internal Zip drive
Future	Internal DVD drive (Q3, 1998)
F1382A	Standard Lithium-Ion battery pack
F1383A	Standard Lithium-Ion battery pack
F1380A	Floppy disk drive cable
F1606A	HP OmniBook PC carrying case

HP OmniBook 2100, 3100, 4100, 7100 Accessories

Part Number	Accessory
F1477A	Docking System and monitor stand
F1452A	Mini-dock
F1451A	Port replicator

F1453A	Monitor Stand for F1452A and F1451A
F1454A	60 watt AC adaptor
F1455A	70 watt auto/airline power adaptor
F1469A	PS/2 Y adaptor

Docking System

Feature	Specification(s)
Ports	240 pin docking connector Parallel DB25 (EPP/ECP and floppy disk drive) Serial DB9 (115,200-bps) VGA port, D-sub 15 pin female connector - DDC compliant 6 pin external keyboard connector 6 pin external PS/2 mouse connector Three audio jacks for Speaker-out, Line-in, and Microphone-in 2 pin ac jack for ac adaptor 2 Type II or Type III PC Card slots (F1452A only) 2 universal serial bus (USB) ports
Power	Powered by F1454A ac adaptor 100 to 240 volts ac (50 to 60 Hz) input; 19 Vdc, 3.16 ampere output
Security	Kensington lock slot secures dock , HP OmniBook PC, and PC cards
Height	76.00 mm (3.21 inches)
Depth	401.00 mm (12.60 inches)
Width	396.00 mm (14.05 inches)
Weight	4.3 kg (9.4 lb)
Operating temperature	5 to 35 degree Celsius(C) 41 to 95 degree Fahrenheit (F)
Storage temperature	-20 to 50 degree C -4 to 122 degree F
Relative humidity	10% to 90% (noncondensing)

Input/Output (I/O) Ports

* Universal serial bus (USB)

* 9 pin, 115,200-bps serial (16550 UART)

* 25 pin bidirectional ECP/EPP parallel

* Video-out (up to 1024 by 768 by 16 M colors) at 75 Hz refresh rate

* PS/2 keyboard/mouse

* 3D enhanced audio

* Two 4 MB per second (Mbps) IrDA compliant infrared ports

PCMCIA Slots

* One Type III or two Type II 16/32 bit PC Card slots; 3.3 v and 5 v support; CardBus enabled

Expandability

* One Type III or two Type II 16/32 bit PC Card slots; 3.3 v and 5 v support; CardBus enabled

* Accessories bay for mass storage options

* Optional port replicator

* Optional mini-dock

* Optional docking system

Security Features

* Security Features User and administrator passwords

* System, hard disk, and docking passwords

* PC identification displayed at boot

* DMI-accessible electronic serial number

* Kensington Microsaver lock slot

Preinstalled Software

* Microsoft Windows 95 or Windows NT 4.0

* Windows 95 compatible Plug-and-Play (including hot docking)

* Windows NT APM and PC Card hot swapping

* ACPI V1.0 compliant

* Advanced Power Management (APM 1.2)

* DMI 2.0 with HP TopTools 2.6 for Windows 95 and Windows NT 4.0

* On-line User's Handbook

Physical Specifications

Physical specification	Measurement
Size When Closed	29.9 by 23.7 by 4.6 cm (11.75 by 9.2 by 1.8 inches)
Weight	2.9 kg (6.4 lb)

Electrical Specifications

60-watt AC adaptor

Direction	Power
Input	100 to 240 volts ac (50 to 60 Hz)
Output	19 Vdc, 3.16 ampere

Energy Star Compliant

Yes

Service/Support

- * 1-year worldwide limited warranty
- * Onsite and year 2 and 3 upgrades available
- * 24 hour phone support during warranty
- * HP OmniBook Recovery CD available
- * Centralized worldwide BIOS and driver update service

Environment Limits

Element	Limits
Operating temperature	5 to 35 degrees C 41 to 95 degrees F
Operating humidity	20 to 90 % relative humidity 5 to 35 degrees C
Storage temperature	-20 to 50 degrees C -4 to 122 degrees F

Warranty

1-year worldwide limited warranty

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