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## ManePC - HP ProBook 4510s - Mary - 14' Core 3.57 Ghz 4Gb Ram

Autor:

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Packaged Quantity..1

Operating System..Microsoft Windows XP Professional

Wireless capabilities-IEEE 802.11b, IEEE 802.11g, Bluetooth

Notebook type-Thin-and-light (4-6 lbs.)

Screen type-Widescreen

Manufacturer-HP

### PROCESSOR / CHIPSET

CPU-Intel Core Duo T2400 / 1.83 GHz

Number of Cores-Dual-Core

Cache-L2 - 2 MB

Data Bus Speed-667 MHz

Chipset Type-Intel 945PM

## CACHE MEMORY

Type

L2 cache

Installed Size

2 MB

## RAM

Memory Speed

533 MHz

Technology

DDR2 SDRAM

Installed Size

1 GB

## MEMORY

Max Supported Size

4 GB

Technology

DDR2 SDRAM

Speed

533 MHz

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Form Factor

SO-DIMM 200-pin

Slots Qty

2

STORAGE

Interface

Serial ATA-150

Optical Drive

DVD±RW (+R DL) / DVD-RAM removable

Type

none

Read Speed

24x (CD) / 8x (DVD)

Write Speed

24x (CD) / 4x (DVD±R)

Rewrite Speed

10x (CD) / 2x (DVD-RW) / 2.4x (DVD+RW) / 2x (DVD-RAM)

Type

portable

DISPLAY

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## Resolution

1280 x 800 (WXGA)

## Widescreen Display

Yes

## Diagonal Size (metric)

35.8 cm

## Display Resolution Abbreviation

WXGA

## ENVIRONMENTAL PARAMETERS

### Environmental standards

EPA Energy Star

### Humidity Range Operating

10 - 90%

### Max Altitude Operating

10000 ft

## AUDIO & VIDEO

### Sound

Stereo speakers, microphone

### Audio Codec

AD1981HD

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## Features

### High Definition Audio

### HARD DRIVE

#### Spindle Speed

5400 rpm

#### Type

HDD

#### Installed Qty

1

#### Capacity

80 GB

### INPUT

#### Type

keyboard, pointing stick, touchpad

### COMMUNICATIONS

#### Wireless Protocol

802.11a/b/g, Bluetooth 2.0 EDR

#### Wired Protocol

Gigabit Ethernet

### PROCESSOR

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## Type

Core Duo

## Processor Number

T2400

## Manufacturer

Intel

## Clock Speed

1.83 GHz

## OPTICAL STORAGE

### Drive Type

DVD SuperMulti DL

### Type

DVD±RW (+R DL) / DVD-RAM

### Form Factor

removable

## MODEM

Fax Compatibility-G3

## FLOPPY DRIVE

Type-none

## BATTERY

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Technology-6-cell lithium ion

Recharge Time

2.5 hour(s)

Capacity

5100 mAh

Cells

6-cell

Technology

lithium ion

CARD READER

Type

card reader

Supported Flash Memory

MultiMediaCard, SD Memory Card

AC ADAPTER

Input

AC 120/230 V (50/60 Hz)

CONNECTIONS & EXPANSION

Expansion Bays

1 x MultiBay II

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## Slots

1 x CardBus (1 free)  
2 x memory  
1 x Smart Card (1 free)

## Interfaces

1 x display / video - VGA - 15 pin HD D-Sub (HD-15)  
1 x audio - line-out/headphones - mini-phone stereo 3.5 mm  
1 x microphone - input - mini-phone stereo 3.5 mm  
1 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45  
1 x modem - phone line - RJ-11  
1 x infrared - IrDA  
1 x display / video - S-video output  
3 x USB 2.0 - 4 pin USB Type A  
1 x docking / port replicator  
1 x battery

## Memory Card Reader

Yes (SD Card, MultiMediaCard)

## HEADER

### Brand

HP

### Product Line

HP Compaq Business Notebook

### Model

nc6400

### Localization

English

### Country Kits

United States

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Packaged Quantity

1

Compatibility

PC

NETWORKING

Max Transfer Rate

56 Kbps

Data Link Protocol

Bluetooth 2.0 EDR, Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g

Remote Management Protocol

SNMP

Compliant Standards

IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, Wi-Fi CERTIFIED

Wireless LAN Supported

Yes

SYSTEM

Notebook Type

notebook

Platform

Windows

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## Hard Drive Capacity

80 GB

## Security Devices

SmartCard reader, fingerprint reader

## MONITOR

### Diagonal Size

14.1 in

### Color Support

16M colors

## MISCELLANEOUS

### Color

Black

### Integrated Options

Ambient light sensor

### Security

Fingerprint reader, SmartCard reader

### Features

DriveLock, Trusted Platform Module (TPM), memory change alert, ownership tag, power-on password, security lock slot (cable lock sold separately), system password, wake on LAN

### Compliant Standards

ACPI, APM 1.2, VCCI, BSMI, CCC, CSA, GOST, GS, MIC, SABS, UL

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## DIMENSIONS & WEIGHT

Width

13 in

Depth

9.4 in

Height

1.1 in

## AUDIO OUTPUT

Compliant Standards

Sound Blaster Pro

## MANUFACTURER WARRANTY

Service & Support

Limited warranty - 3 years

Type

3 years warranty

## MAINBOARD

Data Bus Speed

667 MHz

Chipset Type

Intel 945PM

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## ENVIRONMENTAL STANDARDS

### ENERGY STAR Certified

Yes

## PHYSICAL CHARACTERISTICS

### Weight

5.07 lbs

## POWER

### Min Operating Temperature

41 °F

### Max Operating Temperature

95 °F

## OPERATING SYSTEM / SOFTWARE

### OS Provided: Type

Microsoft Windows XP Professional

### Type

Adobe Acrobat Reader, HP Mobile Print Driver, HP ProtectTools Security Manager, HP Quick Launch Button Software, HP Wireless Assistant, InterVideo WinDVD, Norton Internet Security (60 days subscription), Sonic MyDVD, Sonic RecordNow, Synaptics Touchpad Driver

## VIDEO OUTPUT

### Graphics Processor

Intel Graphics Media Accelerator 950

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## REVIEW