

Comparison of PCs - A Desktop, Laptop, All-in-One and a Netbook/Tablet

All of the computers in this comparison sell for about \$500.00.

Desktop Features:

HP Pavilion AMD Athlon II 445 Desktop

Processor Type AMD Athlon II 445

Processor Speed 3.10 GHz

Processor Cores 3

RAM 4 GB PC3-10600 DDR3 SDRAM (can expand to 16 GB)

Hard drive 1TB, 7200 rpm

Super Multi LightScribe DVD Burner

Graphics ATI Radeon HD 4200

Windows 7 Home Premium 64-Bit

Ethernet Port 10/100/1000

Integrated WiFi 802.11

USB 2.0, 2 - Front, 4 – Back

Available Memory Slots - 2 available

Available Optical Bays 5.25 5" - 1 available

Available PCI-E Slots - 4 available

Windows 7 Home Premium 64 bit

Overview of this Desktop:

You get more for your money with a desktop.

3 processor cores and speed of 3.1GHz is fast.

2 processor cores and 3.1 GHz speed is faster than quad cores and 2.1GHz.
at the same cost.

More money could get more RAM, better video.

With 64 bit can get 8 GB or more usable RAM.

This PC has integrated video, can get Video card.

All in One Features:

All in One HP TouchSmart

AMD Athlon II 235e 2.7GHz Computer With Display Touch-Enabled 20" Monitor

Processor Type AMD Athlon II 235e Dual-Core

Processor Speed 2.70GHz

RAM 4GB DDR3

Hard Drive 500 GB, 7200 rpm

Optical Drive SuperMulti DVD Burner

Graphics ATI Radeon HD 3200 Graphics

Windows 7 Home Premium 64-Bit

Sound Card AMD RS780, Speakers Internal

Ethernet Port 10/100/1000

Integrated WiFi Wireless LAN

HP Low-Profile Wireless Keyboard

HP Wireless Optical Mouse

USB 2.0 - 6 USB Ports

Webcam, and Integrated Microphone

Overview of this All-In-One

Good home computer, for space conscious people

Like a laptop, with a larger display, touch screen

If you are buying a laptop to leave in one location, consider an All-In-One
You can't add any more RAM on many of them so be get the features you want the first time.
No battery, not highly portable
Wireless mouse/keyboard, Integrated speakers, Wi-Fi = No wires except for the power cable.

Laptop Features:

Acer Aspire 17.3" Intel Pentium T4500 Laptop
LED Backlit Display
Intel Pentium Proc T4500 Dual – 2.3 GHz
Hard Drive 500 GB, 5400 rpm
RAM 4 GB, DDR3
Optical Drive 8X DVD Multi Double Layer
Graphics Chipset Intel GMA 4500
Webcam
USB 2.0 Ports - 2
VGA Output
Ethernet Port 1000 Integrated
Wi-Fi Acer InviLink Nplify 802.11
Approximate Battery Life Up to 2.5 Hours
Battery Lithium-Ion - Number of Cells 6
Windows 7 Home Premium 64-Bit

Overview of this Laptop:

17.1" display is nice and big, but decreases battery life.
This laptop good for home and some travel
Webcam is a good feature, but check out the features, no add-ons with laptops.
2 USB ports is bare minimum. Mouse, memory stick and no more ports. You can buy an USB extender.
Must have LED backlight display or equivalent to see display outside.
Hard drive 5400 rpm, slower than 7500 rpm desktop.
Club's laptop cost \$1200 3 years ago. More features on this one for \$499.
If you are upgrading you need to be sure you get the right hard drive and speed for your laptop computer. Some laptops accept only special components. If you do upgrades and purchase different items you might find it would have been better and cheaper to have purchased a new computer. Buy the best you can afford, so it will last longer.

Netbook/Tablet Features:

Asus Eee PC T101MT-EU17-BK

10.1-Inch Swivel Screen,
Convertible PC Tablet Netbook
Multi-Touch LED Backlight Display
Intel Atom N450 1.66GHz
160GB Hard Drive
1GB DDR2 Memory , extra slot 1GB
Multicard Reader
Microsoft Windows 7 Starter
Battery: Lithium - Up to 6.5 Hrs
Webcam 0.3-megapixels
Built-in mic, and two audio jacks
3 USB ports

Ethernet, Wi-Fi

Weight 2.86 lbs (with battery)

Overview of this Netbook/Tablet

With its multi-touch and tablet features, the T101MT makes an iPad alternative that runs Windows programs, offers a real keyboard.

Great for travelling, a light neat package.

Netbooks use Windows 7 Starter – That means it has no Aero Glass, you can't change desktop look, no DVD, no media streaming. This version of Windows 7 allows the netbook to run fast, and some the the Windows 7 Home Premium features you can manage without. *Member asked, "What is Aero glass?"* – It makes Windows a graphic experience.

As a tablet you can use character recognition, one character at a time, or you can use the keyboard on the screen.

You can get Kindle e-books and see them on your PC. Download free program from http://www.filehippo.com/download_kindle_for_pc/

It is challenging to learn all the features but the speed and features make it worthwhile.

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