

## △ DELTA COMPUTING CENTER

### Laptop Computer Comparison

Decide what features you desire and then compare models with that list to find the best match. See our buying guide at [http://www.deltacomputing.com/laptop\\_guide.htm](http://www.deltacomputing.com/laptop_guide.htm) for definitions and suggestions of desired components.

Component	Desired	Model 1	Model 2	Model 3
Manufacturer				
Model				
Form Factor				
System Size				
System Weight				
Operating System				
CPU				
CPU Speed				
Installed Memory				
Max. Memory				
Screen Size				
Video Controller				
Screen Resolution				
Pointing Device				
Ethernet Port				
Wireless Type				
Wireless WAN				
Bluetooth				
Hard Drive Size				
Optical Drive(s)				
Floppy Drive				
Modem				
Sound Card				
USB Ports				
Serial Ports				
Parallel Ports				
Infrared				
1394 Port				
Battery				
Docking Station				
Video Out				
PS2 Connector				
S-Video				
Audio Out				
PC Card				
Card Reader				
Camera				
Fingerprint Reader				
Other Security				
Warranty				
Price				

**Manufacturer** – Who makes it?

**Model** – What is the model number?

**Form Factor** – What is the form factor – standard notebook, ultra-light, tablet or convertible?

**System Size** – What are the dimensions of the system?

**System Weight** – What is the weight of the system? Don't forget to add in any extras such as external drives or a larger battery.

**Operating System** – What operating system comes with the System (e.g. Windows XP Home, Windows XP Professional, Windows XP Media Center, Windows XP Tablet, Vista Home Basic, Vista Home Premium, Vista Business, Vista Ultimate, Linux (Brand).) Are options available?

**CPU** – What processor is installed? Manufactured by AMD or Intel. 32 bit or 64 bit. Multi Core or single. Low power or regular.

**CPU Speed** – What is the speed of the processor?

**Installed Memory** – How much memory comes installed

**Max Memory** – What is the maximum memory available on this model?

**Screen Size** – How large is the screen overall. Is the screen a widescreen model?

**Video Controller** – What video controller is installed? What resolutions does it support? How much Video memory is installed? Is the video memory dedicated or part of system memory? Does it support Vista Aero Glass?

**Screen Resolution** – What is the native resolution of the screen?

**Pointing Device** – Does it have a TrackPoint mouse device? Does it have a touch-pad mouse device? Does it have another mouse technology?

**Ethernet Port** – Does it have a built in Ethernet port? What speed – 10/100 or gigabit?

**Wireless Type** – Does it have built in wireless? What type – A, B, G, or N?

**Wireless WAN** – Does it have wireless WAN capabilities? If so, what type – Cingular HSDPA, Verizon EvDO, either? These allow connection to the internet through a cellular carrier.

**Bluetooth** – Does it have Bluetooth?

**Hard Drive Size** – What size is the hard drive(s)? Does it have RAID? Is there an optional larger hard drive?

**Optical Drive(s)** – What optical drives are included? What type: CD, CDRW, DVD, DVD/CDRW, DVD r/w, Blue Ray, HD DVD? Internal or External? Light Scribe capable? Dual layer capable?

**Floppy Drive** – Does the system come with a floppy drive? Is it internal or external?

**Modem** – Does it come with a modem?

**Sound Card** – What sound capabilities does it have? Stereo or surround sound? Internal or External microphone?

**USB Ports** – How many USB ports? Type 1.0 or type 2.0?

**Serial Ports** – Does it have a serial port?

**Parallel Ports** – Does it have a parallel port?

**Infrared** – Does it have infrared capability?

**1394 Port** – Does it have a 1394 connection?

**Battery** – What is the standard battery? What is the standard battery life (hours of operation)? How many cells does the battery have? Is there an optional extended life battery? How many hours does the extended battery offer? How much for the extended battery?

**Docking Station** – Is a docking station available? How much? Does it have a docking connector or USB? What ports does it have?

**Video Out** – Does the computer support external video? What type of connector(s)?

**PS2 Connector** – Is there a PS2 connector for an external keyboard or mouse?

**S-Video** – Does it support S-video connections? This allows connection to a TV.

**Audio Out** – Does it have external audio connections? Headphone out, line out, line in, microphone in?

**PC Card** – Does it have a pc card slot? Type 1 or Type 2? How many slots?

**Multimedia Card Reader** – Does it have a multimedia card reader? What types of cards does it support?

**Camera** – Does it have an integrated webcam?

**Fingerprint Reader** – Does it have an integrated fingerprint reader?

**Other Security** – Does it have other security features?

**Warranty** – What is the standard warranty? What does it cover? Is an extended warranty available? For how long? How much does it cost? What does it cover? Will it replace an un-repairable system? Onsite?