



**RealEasy
Appraisal
Solutions**

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Recommendations for buying a computer system to make the most of WCA software

We do not think it is possible to purchase a computer that is 'too big'. You do not want to invest your money in something to help you get your work done easier and faster and then have to sit and wait on it. It is better to get more than you think you need now, because you will grow into it later. The best phrase we've heard is "...don't buy yesterday's technology for work you will do tomorrow."

	Minimum	Recommended	Notes
Operating System	Windows XP SP2	Windows 7 Windows Vista Business SP2	Both 32 and 64bit operating systems are supported since version 8.3 of RealEasy Appraisals. Any prior version requires a 32bit operating system
Processor(s)	Intel Pentium IV 2GHZ or equivalent AMD CPU	Intel C2D (Core 2 Duo) E4300 or higher	
Memory	512MB	2GB or more	A 64bit operating system is required to run in excess of 4GB of ram.
Hard Drive	160GB 7200RPM	500GB 7200RPM	
Floppy	Floppy Drives are not Required to run WCA software	Most new PC's do not come with a floppy drive. Local electronic stores sell external USB floppy drives for \$35-\$60.	
Sound	Integrated or Attached Sound Card & Speaker System	2 speaker (or more) sound system is needed for running product tutorials and demos.	
Video (Graphics)	Integrated or Attached Video graphics adapter	ATI or NVIDIA video card with 64-128 MB of VRAM (video RAM).	
Monitor	15"-20" Display Monitor Resolution should minimally be 800X600 (1024X768 or higher is recommended)	20"-24" Display Monitor Resolution should minimally be 800X600 (1024X768 or higher is recommended)	
Mouse & Keyboard	Three button scroll mouse & 104-Key "Windows" Keyboard	High quality optical mouse and/or Wireless Mouse Advanced Multimedia and/or Wireless Keyboards are also available	
Printer	Color inkjet/laser printer <i>WCA applications work with most Windows-compatible printers</i>	Hewlett Packard / Epson / Canon / Xerox provide great quality for a low price. Large firms should consider a high capacity color laser printer.	
Digital Camera	There are a wide variety of excellent cameras on the market that use Flash Ram technology. Should you purchase this type of digital camera we recommend you use it with USB2 ports or purchase a Flash Ram reader (such as SanDisk brand) which makes the camera images available to your computer without using camera software.		
Internet	Broadband internet connection 1.5Mbps / Download 256Kbps / Upload	3Mbps / Down 512Kbps / Up	

Glossary of terms you will come across when buying a computer:

Bytes: tiny pieces of information - so small - that it takes massive amounts of them to compose a file. That is why they always have either a kilo (thousands), mega (millions) or giga (billions) attached to them.

Disk drive: used to read or write data on a disk.

Drive: device that is used to read or write information onto storage media e.g. CD ROM, floppy drive, CD burner etc.

Hard drive (also called the Hard Disk): stores most of your information, programs and operating system. Its size is measured in gigabytes.

Megahertz (MHz) & Gigahertz (GHz): identifies the amount of information (or instructions) that can be processed per second - MHz means millions, and GHz means billions.

Modem: allows 2 computers to communicate together using phone lines.

Optical Drive or Disk: can store large amounts of information and reads using a laser.

OS (Operating System): Program (or software) that manages the computer's resources. It gives you images to click on (instead of having to type in code) in order to tell your computer to open a program. Windows Vista, Solaris, Linux & Intel are all examples of OS.

Peripheral: any other device you might want to add to your computer set-up like a printer, monitor, scanner etc.

Ports: jack or connection to plug into your computer like USB ports, Ethernet port etc.

Processor (CPU or Central Processing Unit): the brain of the computer. Its speed is measured in megahertz or gigahertz. The faster your processor, the faster it will be able to translate instructions and data. Processors are made by 2 companies:

32-bit/64-bit

64-bit software, including a 64bit operating system, can handle vastly larger packets of data simultaneously --- however because there is still relatively little 64-bit software in use, and because 32-bit computing covers roughly 90-95% of people's daily needs, most applications will run at speeds that are roughly equivalent in 32-bit and 64-bit systems -- that is to say that most will run at equal speed and efficiency, some will be faster and more efficient either because the 64-bit capacity to handle larger amounts of data will improve performance or because the software has been written in 64-bit, and some will run slower because the software will have been written to be optimal in 32-bit systems and the 32-bit emulation generates a performance hit. **The very basic of it is a 64-bit Operating System can use more RAM than a 32-bit one.**

RAM (Random Access Memory): your computer uses RAM to temporarily store information related to what you are doing at the time, so that it doesn't have to search through everything stored on your hard drive. It is quicker than a drive, but the information stored there will be lost in the case of a power outage. Its size is measured in megabytes and gigabytes, and having a lot of RAM is definitely handy.

ROM (Read-Only Memory): typically a disk that stores information that can be read, but not modified in any way.

Sound Card: allows your machine to recognize and play sound or music.

Video Card: allows your machine to recognize and transfer images to your monitor.