

**Our Computers Include:  
Free Computer Setup!  
Full Version of the Best Antivirus  
in the World!  
Free APC Surge Suppressor!  
Other places charge over \$200  
for these extras!**

# Computer Connection's AMD Premium Line Systems



Prices include Environmental Handling Fee

<b>A8-9600 (3.4GHz - 4 core/6 thread)</b>	<b>Ryzen 5 2400G (3.9GHz - 4 core/8 thread)</b>	<b>Ryzen 5 2600X (4.2GHz - 6 core/12 thread)</b>	<b>Ryzen 7 1800X (4GHz - 8 core/16 thread)</b>
<b>\$1,162.00</b>	<b>\$1,334.00</b>	<b>\$1,725.00</b>	<b>\$2,501.00</b>
Speed Rating: 2348* 7th fastest out of 8	Speed Rating: 4084* 5th fastest out of 8	Speed Rating: 6357* 3rd fastest out of 8	Speed Rating: 6794* 2nd fastest out of 8
Asus Prime A320M-A 4GB 2400MHz DDR4 Onboard Radeon R7 Video 500GB WD Blue HD 3.5"	Asus Prime A320M-A 4GB 2400MHz DDR4 Onboard Radeon Vega 8 Video 1TB WD Black HD 3.5"	Asus Prime A320M-A 8GB 2666MHz DDR4 Radeon R7-240 2GB DDR3 240GB SSD (10x to 15x faster!) 1TB WD Black HD 3.5" 7200RPM	Asus Prime B350-PLUS 16GB 2666MHz DDR4 Radeon RX 550 2GB GDDR5 500GB SSD (10x to 15x faster!) 4TB WD Black HD 3.5"
Windows 10 Home License 23.6 in (1920 x 1080) monitor DVDRW Drive Onboard AC 97 Sound (Dolby 5.1)	Windows 10 Home License 23.6 in (1920 x 1080) monitor DVDRW Drive Onboard AC 97 Sound (Dolby 5.1)	Windows 10 Home License 23.6 in (1920 x 1080) monitor DVDRW Drive Onboard AC 97 Sound (Dolby 5.1)	Windows 10 Pro License 23.6 in (1920 x 1080) monitor DVDRW Drive Onboard AC 97 Sound (Dolby 5.1)
Onboard Gigabit Ethernet Stereo Speakers Logitech USB Keyboard/Mouse Logitech USB Mouse	Onboard Gigabit Ethernet Stereo Speakers Logitech USB Keyboard/Mouse Logitech USB Mouse	Onboard Gigabit Ethernet Stereo Speakers Logitech USB Keyboard/Mouse Logitech USB Mouse	Onboard Gigabit Ethernet Stereo Speakers Logitech USB Keyboard/Mouse Logitech USB Mouse
USB: 2x3.1 front, 4x3.1, 2x2.0	USB: 2x3.1 front, 4x3.1, 2x2.0 rear	USB: 2x3.1 front, 4x3.1, 2x2.0 rear	USB: 2x3.1 front, 4x3.1, 2x2.0

(\*Desktop Speedmark is a benchmark of CPU speed where 100 equals base speed required for basic business tasks.)

### All systems include:

All critical Windows Updates installed	2 year parts and labour system warranty, 3 years on hard drive
LibreOffice (WordProcessor, Spreadsheet, Presentation)	Western Digital SATA II hard drive (3GB/sec transfer rate)
APC P11VNT3 Surge Protector	In-Win C589T Black case - 450 Watt
A full year subscription to Managed AV, the world's best anti-virus, anti-spyware solution.	Your choice of Windows 7 or Windows 10 Start Menu and Interface.

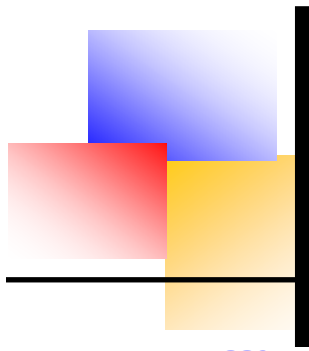
### Upgrades and Options

Video	Speakers
Radeon RX 550 2GB GDDR5 \$206.30	Logitech Z323 (2.1) \$125.00
Radeon RX 580 8GB GDDR5 \$530.70	Logitech Z506 (5.1) \$181.30
NVidia GTX 1070 8GB GDDR5 \$744.20	Logitech Z906 (5.1 Decoder) \$558.80
NVidia GTX 1080Ti 8GB GDDR5 \$968.40	
Hard Drives	Software
1TB WD Black HD 3.5" \$147.50	MS Office 2016 Home and Student \$190.00
2TB WD Black HD 3.5" \$223.80	MS Office 2016 Home&Business ESD \$319.90
4TB WD Black HD 3.5" \$315.00	MS Office 2016 Pro ESD \$556.30
RAM	SSDs
2GB 1333MHz DDR3 \$58.80	Samsung 850 EVO 250GB \$172.60
4GB 1333MHz DDR3 \$85.00	Samsung 850 EVO 500GB \$256.30
8GB DDR3 (2x4GB) \$148.80	Samsung 850 EVO 1TB \$450.60
HyperX 16GB DDR3 (2x8GB) \$238.80	Samsung 850 Pro 256GB \$232.60
	Samsung 850 Pro 500GB \$372.20
	Samsung 850 Pro 1TB \$694.10
	2.5" HD mounting kit for 3.5" bay \$21.30

### Why buy your computer from Computer Connection?

We're the oldest computer store in Nova Scotia. In a business where the competition is often *here-today-gone-tomorrow*, we got this old by providing our customers with the value and service they appreciate. We're here to help you when you need us. We're proud to say many of our customers have bought 2, 3, 4 or even more computers from us. When you buy from Computer Connection, you can be confident of getting the most value for your money *and* support when you need it.

**Computer Connection—Your best Quality and Value since 1982**



# **Computer Connection's**

## **Computer Boot Camp**



**We put your new computer through boot camp  
so you won't have to go through it!**

**Before you get your new computer, we put it through the roughest tests it will ever see.**

We start with a high quality motherboard, RAM, hard drive, and power supply. We make sure that the motherboard BIOS is the latest available. If not, we upgrade it to the latest version. Then we overclock the motherboard. (Overclocking means setting the motherboard to run the processor, RAM, expansion cards, and hard drive at a higher speed than they are rated at.) Although we don't recommend overclocking your computer, we force it to run overclocked for our test period to expose the tiniest weaknesses.

Then we boot up in a special version of Windows XP that allows us to run exhaustive tests on the CPU, RAM, motherboard, network card, and hard drive. Every component is forced to run flat out for 24 hours. Only the most reliable components can handle this sort of testing. If any of the tests fail, the problem component is replaced and the tests are re-run from scratch. Only when all the components pass all the tests do we move on to the next step. While these tests run, we monitor the CPU temperature and the power supply voltages. While CPUs can handle temperatures up to 120°C, we make sure that your CPU doesn't go over 70°C during this grueling test. (Dropping the CPU temperature by 10°C can increase its life expectancy by two times.) Power fluctuations from a poorly constructed power supply can make a computer lock up; or even damage the hardware. Our tests guarantee that even under extreme load, the voltages will not vary by more than 5%. To put this in perspective many manufacturers allow the power supply voltages to fluctuate by as much as 10%.

Next we install and run a complete version of UNIX on the system. There's no tougher operating system for a computer to run. In fact, in the industry, computers that can run UNIX are considered rock solid. Only computers constructed of the best components can do it. In Unix, we set the system to do a kernel recompile. This is considered to be the most difficult task a Unix system can complete, and is the best test of component reliability. Since completing a single kernel recompile is seen as a good test of system stability, we do three recompiles - just to be completely sure of the stability. Once again, the system must pass the test with no errors before it moves on to the last step.

When that's finished we install the latest version of Windows, with the latest video, sound, modem and motherboard drivers. Our Windows setup has been tested to be 100% stable with all the latest business and game software. In fact, while many manufacturers and hardware websites allow (and even expect) two or three crashes in a 24 hour period using these tests, our setup must survive 48 hours of the same tests with *no* crashes before it is ready to be used on your system.

Once Windows is installed, we run stress tests on the video, sound, and CDROM. These tests run for an additional five hours. This guarantees that these components will operate flawlessly when you receive your computer.

If the computer passes all these tests, between 24 and 48 hours later, we set the motherboard speed back to normal, confident that you are getting an excellent machine. Ask the competition what they do to get a computer ready.

### ***Now Your Computer Comes With More Security***

The biggest problems facing computer users today are the increasing threats from viruses and spyware. Many websites are built to infect your computer when you view them. Most companies feel this is your problem - some don't even take the basic step of installing the latest Windows Critical Updates before giving you the computer - leaving you vulnerable. (And making them money when you are forced to bring it back to be uninfected.) We feel that you deserve a computer that is well built and is configured for maximum performance and reliability - and securing it against Internet threats is part of this belief. To protect you we start by installing the latest Windows Critical Updates. Then we install NOD32, the world's best anti-virus program, and Ad-Aware 6 SE, a leading anti-spyware program. Finally, we configure Windows to be as secure as possible, updating it with the latest list of websites known to spread viruses and spyware so these sites are automatically blocked if you go to one by mistake. So you can buy an unprotected computer and pay to have it fixed when it's infected (often days after you buy it) or you can get one that's setup and secured properly.

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