

Latest Rev 4-04-14  
THE NAVAJO NATION  
DEPARTMENT OF INFORMATION TECHNOLOGY

“Our goal is to purchase a computer system that will not be obsolete or outdated equipment for at least 3-years. It must be covered by 3-years of warranty” And should provide a consistent user experience and have a standard of management capabilities.

**DESKTOP PC MINIMUM RECOMMENDED COMPUTER SPECIFICATIONS FOR STANDARD OFFICE USER**

- **BRAND:**  
HP, DELL, Lenovo, Toshiba, etc,( the well-known names in the industry). **Do not purchase consumer (home, media, student) class notebooks.** Always purchase business class products for the longer life cycles, quality, support and manageability.
- **INTEL PROCESSOR:**  
Recommended: i5-4570, i5-4670, i5-4570S, i5-4670S or i7- 4770, i7-4770S (Intel 4<sup>th</sup> generation processors)  
  
Recommend Intel® vPro Technologies and Intel's® Stable Image Platform Program (SIPP) if this technology may be used in the future. Processors above support both vPro and SIPP.
- **Form Factor:**  
Any form factor (chassis size) can be selected based on physical desk space requirements. Choices can be a Mini Tower, Small Form Factor, Ultra Slim Desktop, or All-in-One (CPU and Monitor are enclosed in one box).  
*Tip: Mini Tower and SFF will provide most expansion for non-standard requirements (ie PCIe cards).*
- **System board:**  
Required features:  
Q85 or Q87 Express Chipset  
TPM 1.2  
Wake-on-LAN  
PXE  
Remote Configuration  
Administrative password  
Integrated Graphics  
Integrated Gigabit Network  
Integrated Audio  
Computrace in Bios
- **MEMORY:**  
4 GB (1 memory stick) or 8 GB (2 memory sticks) of DDR3 memory  
Note - 32 bit OS supports a maximum of 4GB RAM. Recommend using manufacturer memory (vs third party) for full support of unit.
- **HARD DRIVE:**  
500GB (options for larger) 1TB (if local storage is needed) 7200RPM SATA 6.0Gb/s with SMART IV technology (for alerts)
- **DVD BURNER DRIVE:**  
Recommend SuperMulti DVD RW 16x
- **VIDEO CARD:**  
Integrated video is sufficient
- **WIRED NETWORK CARD:**  
10/100/1000 Network Card
- **SOUND CARD:**  
Integrated Sound Card is acceptable
- **MOUSE and KEYBOARD:**  
Standard mouse and keyboard
- **MONITOR:**

20", 21.5", 23", 24", 27", 30" LCD Flat Panel Monitor with at least 1000:1 Contrast Ratio with VGA, DVI, and/or DisplayPort connections. Adjustable is good for ergonomics but not required. Check to make sure correct cables are included with the monitor to connect to the PC or laptop. If not, additional cable/adaptor may be needed.

- **SPEAKERS:**

Internal desktop speaker should be sufficient

- **UPS:**

UPS (Uninterruptible Power Supply) is a battery that will allow your computer to remain powered on during brown-outs, black-outs and power surges. A UPS will also protect your computer during thunder storms.

Major brands include: Tripp Lite, APC and Cyberpower

Minimum: 500VA Universal Power Supply UPS with at least 6-oulets

Recommended: 685VA Universal Power Supply UPS with at least 6-oulets and AVR

- **OPERATING SYSTEM:**

Microsoft Windows 7 Professional 32 or 64 bit (with Win8 upgrade license)

- **APPLICATION SOFTWARE:**

Microsoft Office latest Professional Full Version

- **ANTIVIRUS/SPYWARE/ADWARE/FIREWALL:**

Kaspersky Internet Security latest version 3-Year License

- **WARRANTY:**

3-Year Parts and Labor Onsite or Mail-in Warranty with Disk Media Retention (DMR) (allows users to keep bad hard drive for mail in service; recommended for compliance and sensitive data).

US Based Support is preferred.