



HEALTH AFFAIRS

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

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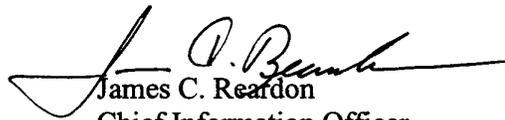
MEMORANDUM FOR DEPUTY SURGEON GENERAL OF THE ARMY
DEPUTY SURGEON GENERAL OF THE NAVY
DEPUTY SURGEON GENERAL OF THE AIR FORCE
PROGRAM EXECUTIVE OFFICER MILITARY HEALTH
SYSTEM JOINT MEDICAL INFORMATION SYSTEMS
OFFICE
DIRECTOR NETWORK OPERATIONS DIVISION
INFORMATION MANAGEMENT, TECHNOLOGY &
REENGINEERING
CHIEF ENTERPRISE ARCHITECT, MILITARY HEALTH
SYSTEMS

SUBJECT: Military Health System Minimum Server Hardware Guidance

This memorandum supercedes the "Military Health System (MHS) Minimum Server Hardware Guidance," dated January 25, 2002, and establishes Office of the Assistant Secretary of Defense (Health Affairs) guidance for MHS minimum server hardware requirements. This guidance was developed by the Tri-Service Technical Integration Working Group and was coordinated and approved by the MHS Information Management Program Review Board. All new servers or upgrades acquired using Defense Health Program funding must satisfy minimum requirements stipulated in Attachment 1, MHS Minimum Server Configuration. Industry technical advisors recommend planning a three to four year replacement strategy for servers.

This configuration is designed to satisfy the requirements of most common use servers such as print, file and e-mail servers while being adequately scalable to satisfy more robust processing requirements. The MHS Minimum Server Configuration can be exceeded, when necessary, to meet specific needs. Server-sizing assistance may be requested from the Tri-Service Information Management Program Office.

Should you require additional information, please contact the Office of Technology Management, Integration and Standards at (703) 681-6779 or tmisweb@tma.osd.mil.


James C. Reardon
Chief Information Officer
Military Health System

Attachment:
As stated

Military Health System (MHS) Minimum Server Configuration

ITEM	MINIMUM CONFIGURATION
Operating System	IAW MHS Operating System Guidance
Processor	Dual Intel Pentium III (or equivalent)
Processor Speed	1.13 GHz
Bus Speed	133 MHz
Bus types	PCI, ISA, AGP, USB
Data Path Width	32 bits
BIOS	Flash upgradable, Plug-'n-Play compatible
L1 Cache	32 KB
L2 Cache	512 KB
Power Supply	110/240 Universal Switchable
EPA Energy Star Compliant	Yes
RAM – Initial	1 GB
RAM – Expanded	4 GB
Hard Drive	3 drives, 18.2 GB each. RAID 5 recommended for medium to high-end servers
Disk Controller	SCSI-3 (ultra-wide caching) or SCSI Ultra 160
* Floppy Drive	1, 3.5 In., 1.44 MB
* CD-ROM Drive	ISO 9660 compliant, Data transfer rate 32X speed
* Video Monitor Size Resolution Dot Pitch Refresh Rate	Color 17 inches 1280 x 1024 pixels 0.28 mm 75 Hz * Monitor Optional based on monitor availability in currently installed centrally controlled or rack mounted units
Video Controller: Type Video RAM Resolution	AGP accelerator 8 MB 1280 x 1024 pixels AGP, 64-bit
Network Interface Card: Support Compatibility	Driver support for Windows 2000 – 10/100 Mb/s Ethernet Tx SNMP IP and Plug-'n-Play
Expandability: PCI Expansion Slots PC- Card Slots External Expansion Bays	4 1 2 (PCMCIA (v2.1) Type II) (front-accessible) (tower only requirement) 2 (tower only requirement)
*Parallel Ports	1 (AT type, EPP, or ECP)
Serial Ports	2 (16550A UART or USB)
* Pointing Device	2-button mouse
*Tape Drive Storage Capacity	8 mm digital audio tape (DAT) 20 GB
*UPS (Uninterruptible Power Systems)	Optional based upon existing UPS capacity

* Note: Optional based on the technical requirement for the need of the item

Attachment 1