

**Governor Musgrove’s “A Computer in Every Classroom” Initiative
Options presented by workgroup for hardware specifications**

It is highly preferable that proposed systems be rated as a “ITS Enterprise System” as defined by the Mississippi Department of Information Technology Services. ITS Enterprise Systems are based on the upon the ¹Gartner Group Tier ratings with a Gartner “Enterprise-” or “Middle-Tier” rating (branded commercial offerings only). Vendors proposing other manufacturers must substantiate the quality of their system using Gartner standards and describing the specific components and manufacturing processes used. The Request for Proposal will detail the documentation required to make this comparison.

ITS has a separate “Apple Express Products List (EPL)”. Although Apple is not on the Gartner list, they certainly could substantiate to us their quality. The ITS Apple EPL is based on Apple’s Education price list on their web site. Through an ITS Letter of Configuration process or an individual Request for Proposal, we would need to ask for their tiered pricing, comparable specifications to the Intel specs below, and any value-adds we are requesting from the Intel side. MDE and ITS recommend that the computers for classrooms where Apple is a school standard be procured through the Letter of Configuration process from the existing Apple EPL and contracts.

Specifications listed below are minimum and may be exceeded

Option 1 – low	Option 2 - medium	Option 3 - high
Option 1 is not recommended by MDE-ITS for reasons including the following: MFG frequently do not have their Celeron/AMD systems certified by Novell due to the expense involved for low cost systems; Celeron/AMD systems do not have the proven stability on a large volume network; present MDE-OET and Vo-Tech specs concur and do not allow for Celeron/AMD specs.	Option 2 is recommended by MDE-ITS. Pentium III systems are the present and proven standards in our schools, labs and high volume, multi-application networks. The 100 MHz front side bus and 100 MHz memory are minimum and may be upgraded by the vendor based on best pricing points and availability.	Option 3 is not recommended by MDE-ITS to be the <u>minimum specification</u> . This option can be proposed by the responding vendor as an upgrade to Option 2. Note that the RAMBUS memory, which runs on the 133 MHz front side bus, adds substantially to the cost of the computer and is not being solicited.
Average cost \$1,081 based on QTY = 1 from Micro EPL 3137 Enterprise mfg	Average cost \$1,263 based on QTY = 1 from Micro EPL 3137 Enterprise mfg	Average cost \$1,591 based on QTY = 1 from Micro EPL 3137 Enterprise mfg
Intel Celeron or AMD K6	Intel Pentium III with 100 MHz front side bus	Intel Pentium III with 133 MHz front side bus
256k Advanced Transfer Cache	512k L2 cache or 256k Advanced Transfer Cache	256k Advanced Transfer Cache
Speed: 500MHz	Speed: 500MHz	Speed: 600MHz
Base RAM: 64MB SDRAM System must be capable of expanding to 128MB without replacing existing RAM. Total RAM expandability must be 256MB minimum.	Base RAM: 128MB 100MHz SDRAM System must be capable of expanding to 256MB without replacing existing RAM. Total RAM expandability must be 384MB minimum. 133MHz SDRAM acceptable	Base RAM: 128 MB 133MHz SDRAM System must be capable of expanding to 256MB without replacing existing RAM. Total RAM expandability must be 512MB minimum.
Base Video RAM: 4MB dedicated with minimum 8MB total (dynamic/shared OR AGP dedicated)	Base Video RAM: 4MB dedicated with minimum 8MB total (dynamic/shared OR AGP dedicated)	Base Video RAM: 8MB AGP dedicated

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Hard Drive Size & Controller: 6GB (formatted) ATA 33	Hard Drive Size & Controller: 6GB (formatted) ATA 33	Hard Drive Size & Controller: 10GB (formatted) ATA 66
Case Type: Desktop or Tower acceptable		
OS: Windows 98. System must be NT compatible with school responsible for the upgrade cost to NT where applicable		
CRT Monitor: 17" color monitor with .28 mm dot pitch supporting resolutions up to 1024 x 768 in noninterlaced mode. This resolution should be the manufacturer recommended/optimal (flicker-free) resolution, not necessarily the maximum.		
Network Card (NIC): 10/100 fast ethernet		
<ul style="list-style-type: none"> • Internal CD- ROM 32x ATAPI • Internal 1.44MB 3.5" diskette drive • One parallel port, one serial port, and two USB ports • Motherboard must have a minimum of 2 ISA/PCI vacant expansion slots after full base configuration • 104-key heavy-duty keyboard • 2 button high resolution mouse 		
SoundBlaster compatible 16-bit sound card, speakers and applicable software. Speakers with AC power supply and applicable software must capable of sufficient power output to broadcast sound throughout a normal size classroom without degradation or damage to the units at optimal volume levels.		
<ul style="list-style-type: none"> • Components must be FCC Class B certified. • System or its family must be Novell certified. This requirement is waived for systems classified as an ITS Enterprise System • Delivered FOB destination to school • The requested base system with selected options must be fully configured prior to shipment. • Operating system media and all support driver media and manuals must be provided. 		
Vendors must propose systems which are configured with all components provided by the base manufacturer, with the possible exception of monitors, speakers, NICs, which may be supplied by 3 rd party when not available by base manufacturers. The only acceptable 3 rd party NICs are 3COM, Allied Telesyn, Intel or SMC.		
Warranty: 3 year warranty provided by proposing vendor. 1 st year on- site with parts and labor; 2 nd and 3 rd year to include parts and labor. Warranty must include system, monitor, and all peripherals, regardless of manufacturer's warranty.		
Installation: Include uncrating and setting up the base system, including any options (upgrades and add-ons) chosen from those proposed with the system at the time of purchase. Vendor must ensure that the proposed equipment is fully operational, according to the specifications, and performs properly. This is <u>not</u> meant to include network configuration.		
Network Configuration or other miscellaneous services: Vendor is required to propose a not-to-exceed hourly rate for network configuration or other miscellaneous services exceeding the base installation. Schools may optionally work with the vendor to use these services if and when needed.		
Software Value-Adds: Anti-virus; multi-function office package such as Microsoft Office or Corel Office Suite. Software value-adds are not required to be proposed but will be considered in the evaluation as providing value-adds.		