



COMPUTER EQUIPMENT RECOMMENDATIONS FOR LEMCO PROGRAMS WRITTEN IN VISUAL BASIC.NET – JULY 2003

Our latest products use Microsoft's SQL database. This is a rock solid, world class, heavy-duty database. This database is about as good as it gets when looking for worry-free trouble-free service. And, it is scalable so it can support the largest school you can imagine. This database is also a cost effective solution.

Our Visual Basic and Visual Basic.NET programs are shipped with a reduced capacity subset of Microsoft's SQL database called MSDE. There is no additional cost for this program. This program is fine for a stand-alone system such as accounting and payroll for a smaller organization. It is also adequate for small workgroups. The program is tuned for five concurrent users connected to the server at one time. It is almost impossible to determine how many users this would serve at one time with adequate speed. Possibly you might serve over a hundred separate computers and be satisfied with the speed. It depends upon the speed and capacity of your system and the traffic generated by each machine. However, when the speed degrades to the point where users are unhappy the solution is simple. Purchase the full-blown SQL database from Microsoft. This database is used in transaction oriented systems and can handle thousands of transactions per minute. Speed and capacity are not a problem for this world-class database.

The following are comfortable minimum computer equipment recommendations for various computer systems:

STAND-ALONE OR WORKSTATION COMPUTER:

Processor: Intel Pentium III 800mhz. Memory: 256 Meg. Harddisk: 2 gig of free space.
Operating system: Windows 2000 Professional or Windows XP Professional. Cd-Rom: 32x. Zip drive: 250 Meg. Monitor: 17" Vga.

SERVER COMPUTER BEING USED AS A WORKSTATION: (Very few workstations)

Processor: Intel Pentium IV 1.8 Ghz. Memory: 512 Meg. Harddisk: 4 gig of free space.
Operating system: Windows 2000 Professional or Windows XP Professional. Cd-Rom: 32x. Zip drive: 750 Meg. Monitor: 17" Vga.

WORKGROUP SERVER RUNNING THE INCLUDED MSDE DATABASE:

Processor: Intel Pentium IV 1.8 Ghz. Memory: 1024 Meg. Harddisk: 10 gig of free space.
Operating system: Windows NT 4.0 Server or Windows 2000 Server. Cd-Rom: 32x. Zip drive: 750 Meg. Monitor: 17" Vga.

HEAVY DUTY SQL DATABASE SERVER:

Processor: Intel Pentium IV 2.4 Ghz. Memory: 4096 Meg 4 Gig). Harddisk: 20 Gig of free space.
Operating system: Windows NT 4.0 Server or Windows 2000 Server. Cd-Rom: 32x. Zip drive: 750 Meg. Monitor: 17" Vga.