



TOTAL MUSIC SOLUTION

The E-MU PC is a total music solution, providing all the hardware and software you need to get professional results right out of the box at a very competitive price. Beginning with a 500MHz Pentium III super-processor, the E-MU PC ships pre-configured with a Steinberg's Cubase, VST Audio/MIDI software, E-MU's Audio Production Studio, a CD-RW, and a SoundBlaster Live! The E-MU PC was designed from the ground up as a perfectly integrated, pro audio workstation. The E-MU PC gives you a total music solution for hundreds, if not thousands, of dollars less than what you would pay to configure a system on your own – without the headaches.

In this age of the Digital Audio Workstation (DAW), users now are able to build a digital recording studio for much less money than they would have to spend if they were purchasing an old fashioned analog studio. Although the cost of a digital audio workstation is much less, many users have had trouble trying to get their DAW up and running. This new technology brings on a whole new set of problems when trying to make sure that all your components are compatible and work together efficiently. E-MU / ENSONIQ now offers a TOTAL music solution that eliminates the problems of setting up an affordable computer based recording system. If you're looking for the tools to create a high quality audio CD from start to finish, the E-MU PC is your solution.



Sampler/Synth

The E-MU PC comes with two EMU10K1 based products. The EMU10K1 is a DSP chip with unparalleled power and developed at E-MU. It is able to process 1000 MIPS (million instructions per second) to provide high quality, in depth synthesis.

One of the EMU10K1 DSP chips is found on the Audio Production Studio (APS), a PCI sound card which is a hardware-based, 64 voice sampler/synthesizer. The current APS drivers allow you to store up to 32 MB of samples into your system memory. The APS is 32 part multi-timbral and can handle 32 MIDI channels from the MIDI sequencer in addition to supporting 16 channels of external MIDI I/O with the MIDI connector bracket. The APS gives you access to the SoundFont® 2.1 standard which adds more flexibility and patch cord functionality. The APS incorporates 1/4" balanced TRS analog I/O and RCA S/PDIF digital I/O for professional quality recording of your own sample content. The APS also has 20-bit Sigma-Delta DACs for pristine digital to analog conversion.

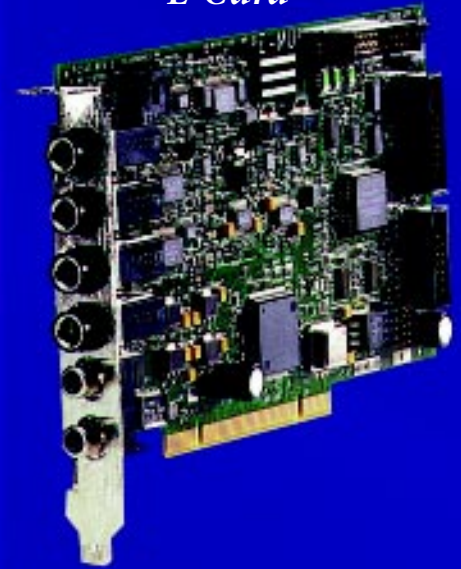
A second EMU10K1 DSP chip is the heart of the Sound Blaster Live!, which is embedded on the motherboard. Because the Sound Blaster Live! and the APS use the same DSP, you get 64 more voices of polyphony, 32 part multi-timbral capabilities, and 16 channels of MIDI I/O, which is part of the front panel I/O. The Sound Blaster Live! uses consumer quality DAC's and analog I/O, but you can utilize the S/PDIF output and connect it digitally to the APS to maintain high quality analog output.

In total you get 128 voices of polyphony, with 64 channel multi-timbrality. The APS and SBLive! take you far beyond the limits of the fixed sound ROMs found on other sound cards. The APS uses downloadable SoundFont® banks as a sample file format. This makes it possible to choose from any of the hundreds of SoundFont® presets that are included or you can develop your own library by sampling your own sounds. There are also vast SoundFont® libraries available on CD-ROM from E-MU that you can purchase at www.soundfont.com as well as from other developers of SoundFont® compatible content.

Hard Disk Recording

The APS enables you to plug a professional mic or line level instrument (Guitar, external sound module, etc.) directly to the front of the computer to record your audio tracks. The APS offers full duplex recording. Using Steinberg's Cubase VST and the APS ASIO drivers you will be able to record 8 audio tracks simultaneously (4 analog and 4 digital).

E-Card



E-Drive



APS Mixer Console



Sequencing We've also included the world's number one sequencer, Steinberg's Cubase VST. With Steinberg's Cubase VST you will be able to record and mix your audio and MIDI. You can record a maximum of 64 audio tracks and apply VST effects or route the audio back the APS Mixer to use the DSP effects that are on the E-Card.

Mastering Also included is Steinberg's WaveLab Lite which enables you to edit all of your audio tracks as well as recording and processing your final stereo master.

With the built-in Creative CD-R/RW 4424 you can then burn your mastered audio files directly to CD.

The E-MU PC performs every process of digitally recording your music. The components of this audio system work extremely well together. Just open the box, plug it in and you're ready to make music!

Here's What You Get!

- **Pentium III - 500 MHz**
- **128 MB PC-100 RAM**
- **13 GB Hard Drive**
- **Riva TNT2 Video (32MB RAM)**
- **Creative CD-R/RW 4424**
- **SBLive! with front panel I/O**

Custom Chassis SBLive! features

- Volume/Mute knob
- Optical out
- RCA stereo S/PDIF in and out
- MIDI in and out
- Joystick port
- 2 USB ports
- 1/8" Headphone out
- 1/8" Mic in
- 1/8" Line in

Cubase VST 3.7



Custom Chassis



E-MU Audio Production Studio

E-Card

- Two 1/4" TRS balanced analog line inputs
- Two 1/4" TRS balanced analog line outputs
- Stereo S/PDIF (#1) digital input and output
- Separate bracket for MIDI connector
(Takes up bracket space only – does not require PC slot)

E-Drive

- Two 1/4" TRS balanced mic/line (switchable) analog inputs with studio quality preamps & trim control
- Stereo S/PDIF (#2) digital input and output
- High-quality headphone amp (1/4" TRS output) with separate volume control

DSP Effects

- Reverb
- Chorus
- Flanger
- Auto-Wah
- Distortion
- Echo-Delay
- Pitch Shifter
- Compressor
- Shelving EQ's
- Parametric EQ's

Cubase VST 3.7

- Up to 64 channels of audio
- 4 equalizers per channel
- Compressors, gates & limiters per audio channel
- 4 insert effects per channel
- 8 auxiliary sends with 8 global effects
- 4 master effects
- Full automation
- Notation printing
- 4 arpeggiators

Windows 98 SE



*E-Card
&
E-Drive*



APS DSP Effects

