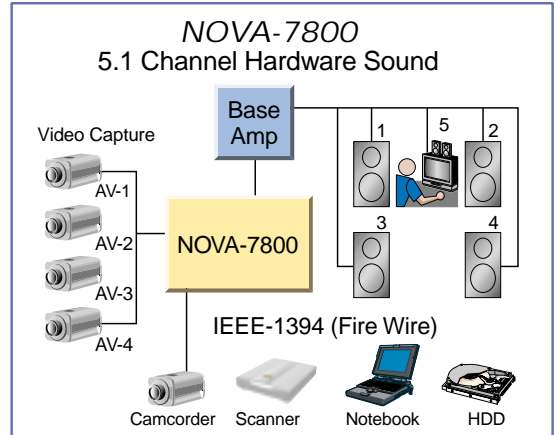
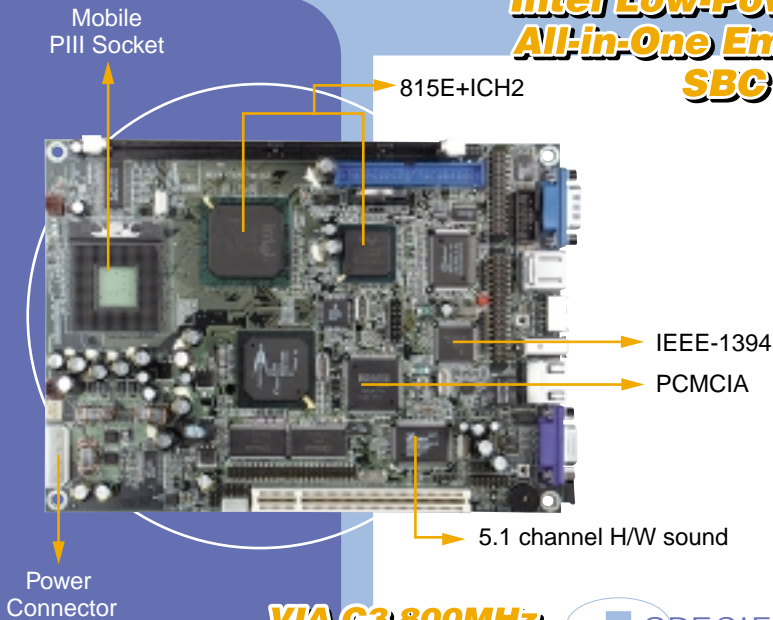


# NOVA-7800

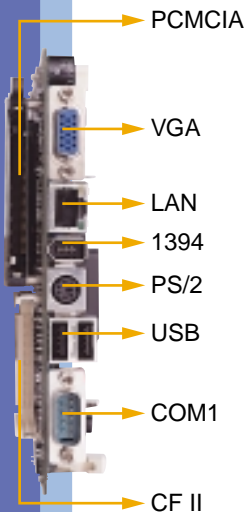
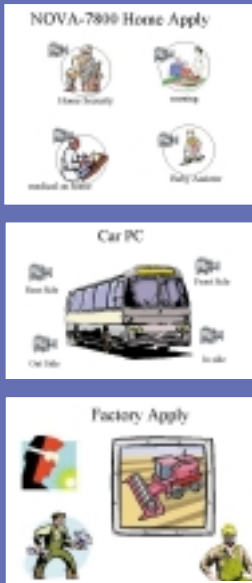
## Embedded Mobile Pentium III Processor SBC With VGA/LAN/Audio/1394/Video Capture

### Intel Low-Power CPU All-in-One Embedded SBC



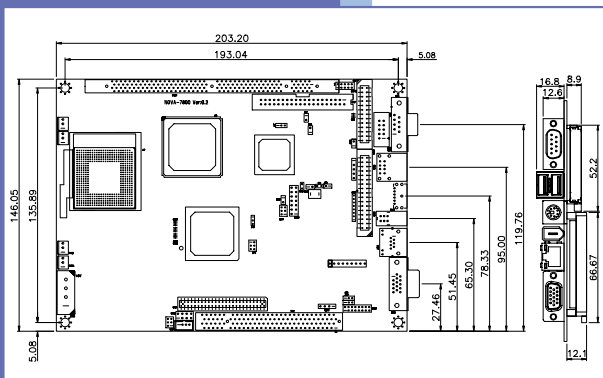
### VIA C3 800MHz Version Available

### SPECIFICATIONS



- **CPU:** Support Mobile Intel® Pentium® III Processor, 133MHz FSB  
Package type : 478-Pin Micro FC-PGA2 Or VIA C3 800MHz CPU ( mounted on board)
- **BIOS:** AMI PnP BIOS
- **System Chipset:** 815E+ICH2, PCI 2.2 compliant
- **System Memory:** 1x DIMM up to 512MB SDRAM (PC100/PC133)
- **Display:** 815E chipset Integrated  
Bus: AGP 4x  
Resolutions: up to 1600x1200 (UXGA)  
V-RAM: share memory architecture (DVMT)  
Connector: DB-15 for CRT
- **LCD/VGA/TV Controller(option) :** Trident CyberBlade XP with 32MB SDRAM  
- 66/133/266MHz AGP-4X with sideband  
- 36-bit LCD Panel interface ( Need manufacturer custom BIOS support, please contact supplier about the custom project cost...)  
- Advanced CyberBlade Dual-Pixel, Single-pass 3D and 2D rendering engine  
- TV Output with NTSC and PAL outputs
- **Ethernet:** 1x 10/100Mbps fast Ethernet controller onboard (i82562)
- **SSD:** CompactFlash™ type II socket onboard
- **I/O:** - 2x RS-232 serial port by pin header (support SPP/EPP/ECP mode)  
- 1x LPT by pin header (support SPP/EPP/ECP mode)  
- 1x IrDA by pin header (SIR mode)  
- 2xUSB port by pin header (USB 1.1 Compliant)  
- 1x FDD channel support 1.44MB, 2.88MB and 3-mode  
- 1x ATA-100 IDE channel support CD-ROM; ZIP and LS-120 bootable.
- **Audio:** C-media 5.1 channels PCI hardware sound, 6W Amplifier (Line-in, Line-out, Mic-in by pin header)
- **PCMCIA:** Cardbus interface support Type II (Ricoh R54C475II)
- **IEEE-1394:** 2x IEEE-1394a 400Mbps port onboard (TI TSB43AB22), 1 x pin header, 1 x onboard
- **Video capture:** 4x AV input or 1x S-video input by cable with bracket  
Chip: Conexant Fusion 878A  
Frame speed: 30FPS  
Video format: NTSC/PAL/SECAM  
OS support: Windows 98SE/2000/ME/XP
- **WDT:** software programmable support 1~255 second system reset
- **Expansion slot:** 1x 32bit PCI
- **Hardware Monitoring (CPU Vcore; Vcc; CPU/System Fan speed and Thermal)**
- **ATX power control function:** meet ACPI 1.1
- **Power consumption:** 5V@4A, 12V@0.2A (1.2GHz CPU/512MB)
- **Operating Temp:** 0-60°C (CPU cooler needed)
- **Relative Humidity:** 5-95%, non-condensing
- **GW:** 900g

### Dimensions



### ORDERING INFORMATION

- **NOVA-7800** Embedded Mobile Pentium III Processor SBC,cooling fan included
- **NOVA-7800LVT** Embedded Mobile Pentium III Process SBC,cooling fan include with Trident CyberBlade XP Controller/32MB SDRAM to support LCD/CRT/TV Out ( LCD interface need custom BIOS)
- **NOVA-7800C8** Embedded VIA C3 800MHz SBC
- **NOVA-7800C8LVT** Embedded VIA C3 800MHz SBC with Trident CyberBlade XP Controller/32MB SDRAM to support LCD/CRT/TV Out ( LCD interface need custom BIOS)