

NOVA-7800

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

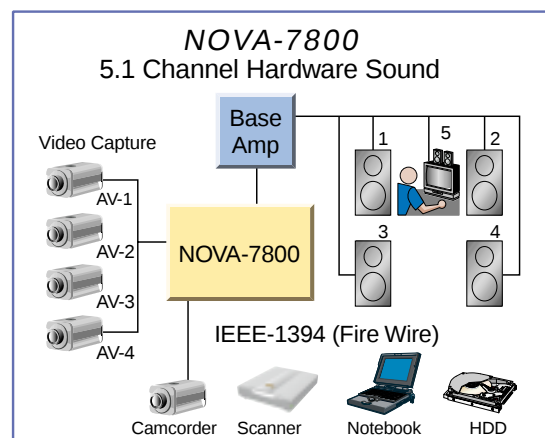
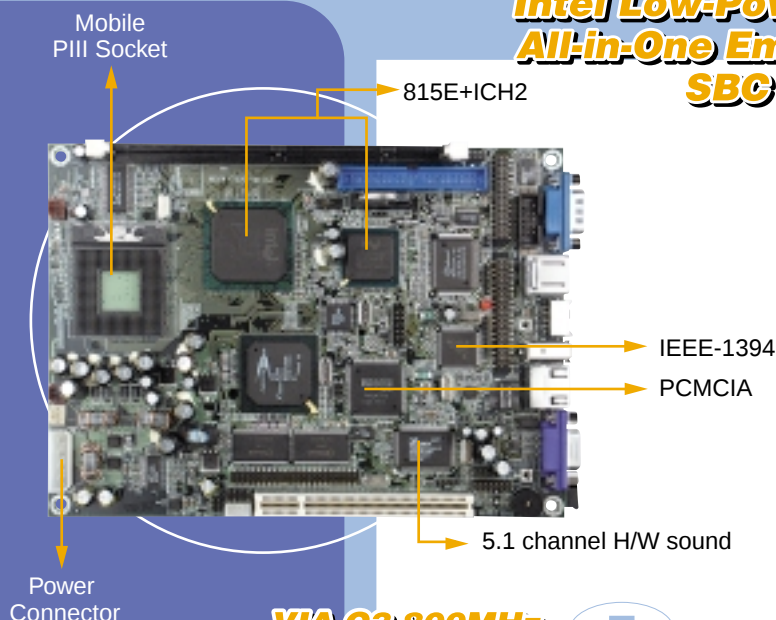
Intel Low-Power CPU All-in-One Embedded SBC



IEEE-1394



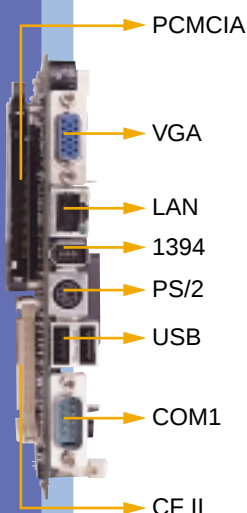
Microsoft Windows CE.net



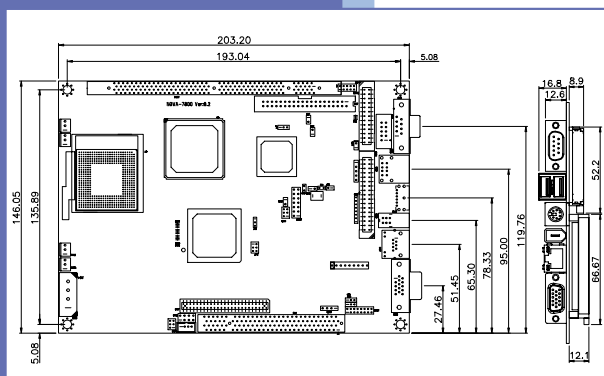
VIA C3 800MHz Version Available

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
- **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 (16C550 UARTs Compatible)
 - 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 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