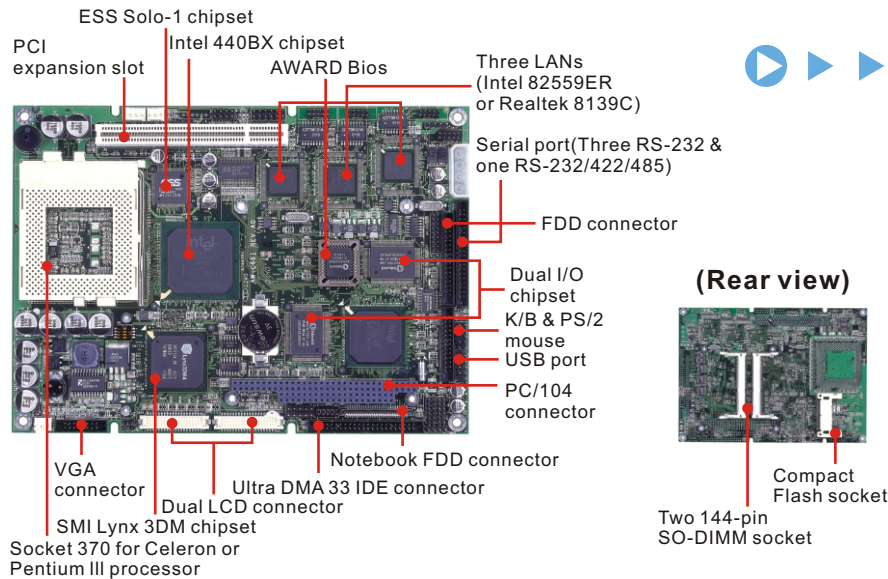


Intel® Pentium® III Embedded SBC with VGA, Three 10/100 LAN, Audio, TV-Out & CF Socket



▶▶▶ Features

- ▶ Intel® socket 370 Celeron®/Pentium® III processors
- ▶ SMI SVGA/LCD controller supports dual LCD panels
- ▶ Three 32-bit PCI-bus 10/100Mbps Ethernet interface
- ▶ Three RS-232 and one RS-232/422/485 ports
- ▶ ESS Solo-1 digital audio interface
- ▶ One PCI slot and one PC/104 connector
- ▶ Two types of FDD connectors & one IDE HDD connector
- ▶ Digital I/O: eight input and eight output
- ▶ Watchdog timer
- ▶ Hardware system monitoring

Specifications

General Functions	
CPU	Intel® socket 370 Celeron® /Pentium® III/Tualatin or VIA C3 processors
BIOS	Award® 256KB Flash BIOS
Cache	128/256 KB on-chip cache
Chipset	Intel® 440BX+82371EB
I/O Chipset	Dual Winbond® W83977EF-AW
Memory	Two 144-pin SO-DIMM socket up to 512MB
Enhanced IDE	Up to two IDE devices, UDMA33
FDD Interface	Supports one 34-pin header and one notebook type connector
Parallel Port	One bi-directional parallel port, supports SPP/ECP/EPP modes
Serial Port	Three RS-232 and one RS-232/422/485 serial ports
IR Interface	Supports one IrDA Tx/Rx header
KB/Mouse Connector	Supports PS/2 keyboard and mouse
USB Connectors	Supports dual USB 1.1 ports
Battery	Lithium battery
Watchdog Timer	Supports software selectable timeout interval
System Monitoring	Software programmable
PC/104 Connector	One PC/104 connector
PCI Slot	One 32-bit PCI expansion slot
Digital I/O	Supports eight TTL input and output pins for customized purpose
SMBus Connector	Supports SMBus LCD interface
Power Management	Supports ATX power supply, PC97, LAN wake up and modem ring-in functions
Flat Panel/CRT Interface	
Chipset	SMI Lynx3DM
Display Memory	Built-in 4MB/8MB for Lynx 3DM SMI 721
Display Type	Simultaneous supports CRT and LCD displays
Resolution	Flat panel displays supports up to 1024 x 768 16M colors and CRT monitors up to 1280 x 1024 16M colors
Ethernet Interface	
Chipset	Three Intel® 82559ER or Realtek® RTL8139C (optional)
Ethernet Interface	PCI 10/100Mbps Ethernet controller
SSD Interface	One 50-pin CompactFlash™ type II socket
PCI Sound Interface	
Chipset	ESS Solo-1
Audio Controller	SoundBlaster and SoundBlaster Pro compatible
Audio Interface	Mic in, Line in, Speaker out and CD audio in
Software Driver	Supports for Window 95, Window 98 and Window NT
TV-Out Interface (option)	
TV Format	Supports NTSC, NTSC-EIA(Japan) and PAL signals format
Output Connector	Supports RCA (Composite) video and S-video connector
Resolution	Supports 640 x 480 and 800 x 600 resolutions
Mechanical and Environmental	
Power Supply Voltage	+5V (4.75V to 5.25V), +12V (11.4V to 12.6V)
Max. Power Requirements	7A@ 5V, 200mA@ +12V
Operating Temperature	32° to 140°F (0° to 60 °C)
Board Size (LxW)	203mm (L)x 146mm(W) (8" L x 5.75" W)

▶ Note: All specifications are subject to change without prior notice

Order Information

AW-C661I	Intel® Pentium® III Embedded SBC , with VGA/LCD 4MB VRAM, 3 LANS(82559ER), Audio, CF Socket
AW-C661R	Intel® Pentium® III Embedded SBC , with VGA/LCD 4MB VRAM, 3 LANS(8139C), Audio, CF Socket
AW-TVOUT	TV-out kit