AW-BP100

5.25" Disk-Size ETX Base Board with VGA/LVDS/LCD, LAN, CardBus, TV-Out, Audio & SSD

Audio connector
COM 2 & 3   COM4   LPT
TV-out (A/V video)   VGA   LVDS connector
TV-out (S-Video)   USB 1 / 2 & RJ-45
DiskOnChip socket   K/B & Mouse
PCMCIA socket   USB port 3 & 4
PCI slot   IDE connector
Front panel connector   LPT connector
CF socket   AT power connector
ETX connector   ATX power connector

▶ ▶ ▶ Features

- ▸ 5.25" Disk-size ETX base board
- ▸ Supports DiskOnChip & CompactFlash™ type II socket
- ▸ AT or ATX power input
- ▸ One PC card slot supports PCMCIA type I/II/III card
- ▸ Digital I/O: four inputs, four outputs
- ▸ PS/2 KB/Mouse, USB, IR, LPT, COM ports
- ▸ PCI expansion slot

Specifications

General Functions	
IDE Interface	One 40-pin and one 44-pin header for enhanced IDE interface
FDD Interface	Supports one pin header for two floppy disks, share LPT signals
Parallel Port	One 25P D-SUB for primary parallel port, share FDD signals; all supports SPP/ECP/EPP modes
Serial Port	Three RS-232 and one RS-232/422/485 serial pots, three 9P D-SUB and one pin header
IrDA	Supports one IrDA Tx/Rx pin header
KB/Mouse Connector	One Mini-DIN supports PS/2 keyboard and mouse
USB Connectors	One double stack connector for two USB 1.1 ports and one pin header for two USB 1.1 ports
PCI Slot	One 32-bit PCI expansion slot supports two bus masters
Battery	Lithium battery
Digital I/O	Four digital input and four output
Watchdog Timer	Can generate a system reset or IRQ11; supports software selectable timeout interval

Flat Panel timer/CRT Interface	
VGA Connector	One 15P D-SUB for VGA CRT
LCD Panel Connector	Dual connectors for LVDS panel
Backlight Control	One pin header for LCD inverter

Ethernet Interface	
Ethernet Connector	One RJ-45 connector for the built-in LAN on the ETX CPU module

TV-out Interface	
Output Connector	RCA (Composite) video and S-video jacks

Audio Interface	
Output Connector	Line-in, Line-out, Mic-in audio jacks

SSD Interface	
	One 50-pin CompactFlash™ type II socket and one 32-pin DIP socket support M-systems DiskOnChip 2000 series up to 288MB

PCMCIA Interface	
Chipset	RICOH R5C486 PC card controller
Output Connector	One PC card slot supports PCMCIA type I/II/III memory, I/O and ATA hard disk card

Mechanical and Environmental	
Power Supply Voltage	Standard ATX/AT power supply
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-BS610	VIA Eden™ CPU SOM-ETX with VGA/LCD/LVDS, LAN, TV-Out & Audio
AW-BS611	Intel® ULV Celeron® processor SOM-ETX with VGA/LCD/LVDS, LAN, TV-Out & Audio
AW-BS710	Intel® Pentium® M / Celeron® M processor SOM-ETX with CRT/LVDS, LAN & Audio