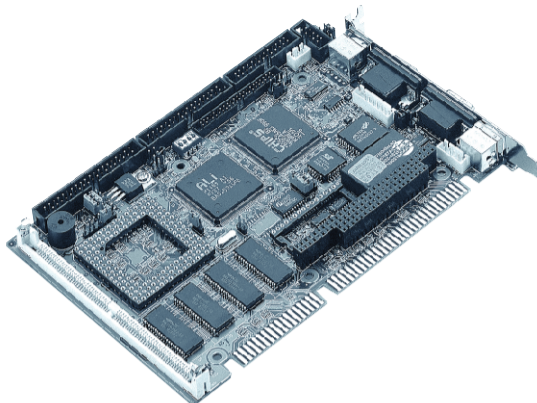# Half-size 486 ISA-bus CPU Card with VGA/LCD, DOC, 8M on-board DRAM

AR-B1476

Features

- Supports DX/DX2/DX4/5x86 CPUs
- ISA and non-stack through PC/104 bus
- Supports FPM or EDO RAM, 72MB maximum, 8 MB onboard
- Onboard 512KB cache RAM
- Onboard VGA/LCD panel display
- Supports IDE hard disk & floppy disk device
- Supports one Bi-directional parallel port
- Supports two serial port
- Supports one socket for DiskOnChip
- PC/AT compatible keyboard and PS/2 mouse interface
- AMI BIOS
- Multi-layer PCB for noise reduction
- Programmable Watchdog timer
- Only 5V power supply for embedded applications

Specifications

General

CPU	Supports 25-133 MHz Intel/AMD/Cyrix/ST/IBM 486 CPU. (PGA Socket)
Chipset	ALI M1489 & M1487 and C&T F65545
Bus Interface	ISA and non-stack through PC/104 Bus
Memory	Supports FPM or EDO RAM, 72MB Maximum. 8MB onboard and one 72-pin SIMMs.
Cache size	512KB for standard
VGA/LCD Display	1MB VRAM (PCI Bus, 1280 x 1024 / 256 colors)
FDD	Supports one FDC port up to two FDDs
IDE	Supports one IDE port up to two IDE devices and IDE flash Modules
Parallel Port	Supports one Bi-directional parallel port
Serial Port	Supports one RS-232C, one RS-232C/RS-485 serial ports
WatchDog Timer	Software programmable, 3 to 42 seconds time interval
Keyboard & Mouse	PC/AT compatible keyboard and PS/2 mouse interface
BIOS	AMI Flash BIOS
LED Indicator	Power LED and Watchdog LED indicators
Bus Drive Cap.	8 TTL level loads maximum
RTC	BQ3287MT or compatible chips with128 bytes data RAM
Speaker	Supports onboard buzzer and external speaker
Power Req.	+5V only, 2.0A Maximum. (Base on Intel DX4-100)
PC Board	8 layers
Dimensions	185 mm x 122 mm

Ordering information:

Model No.	Description	Accessories
AR-B1476	Half-size 486 ISA-bus CPU Card with VGA/LCD, DOC, 8M on-board DRAM	1. Cable : HDD cable, FDD cable, Print Port Cable, PS/2 Mouse cable 2. Disk : NT driver, WIN31/95 driver 3. Adapter : AT to PS/2 keyboard Adapter