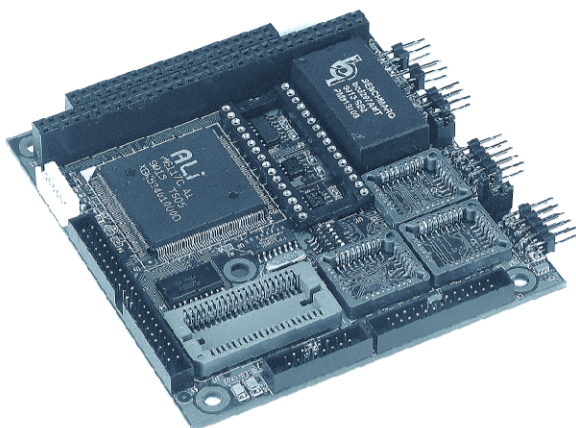


AR-B1320

PC/104 CPU N



Features

- Supports 33/40MHz CPUs
- Onboard 2MB EDO RAM and one socket for 2MB expansion
- Supports IDE hard disk & floppy disk device
- Supports one Bi-directional parallel port
- Supports two serial ports
- Supports 1MB Flash
- Supports one socket for 512KB flash or DiskOnChip
- PC/AT compatible keyboard interface
- AMI Flash BIOS
- Programmable watchdog timer
- Single 5V power requirement
- Multi-layer PCB for noise reduction

Specifications

General

CPU	33 / 40 MHz CPUs, (33MHz is standard)
Chipset	ALI M6117C A1F
Bus Interface	PC/104 Bus
Memory	Onboard 2MB EDO RAM and one socket for 2MB expansion
IDE	Supports one IDE with 44-pin 2.0mm connector, supports up to two IDE devices and IDE flash modules
FDD	Supports one floppy disk device
Parallel Port	Supports one Bi-directional parallel port
Serial Port	Supports two RS-232C/RJ-485 serial ports
Keyboard & Mouse	PC/AT compatible keyboard interface (Factory presetting is no PS/2 mouse interface)
BIOS	AMI Flash BIOS
RTC	BQ3287MT or compatible chips
Watchdog Timer	Programmable watchdog timer (W83977 Build-in)
Solid State Disk	Supports 1MB Flash and one socket for 512KB flash or for DiskOnChip
Speaker	2-pin header for external speaker
LED Indicator	Onboard power LED and two 2-pin headers for external power and hard disk LED
Power Connector	One 4-pin (2.5mm) JST connector
Reset Header	2-pin reset header
BUS Drive Cap.	PC/104-6 TTL level loads maximum (8 mil trace minimum)
Power Req.	+5V only, 1.0A maximum (Based on 33MHz CPU)
Dimensions	90.2 mm x 95.9 mm

Ordering information:

Model No.	Description	Accessories
AR-B1320	Compact 386SX PC/104 EPC with DOC, SSD	1. Cable : FDD Cable, Keyboard Cable (JST to MINI DIN) COM Port Cable, Power Cable 2. Disk : AMI Flash BIOS Tool, DEMO program for WD, DEMO program source file for WD, Manual