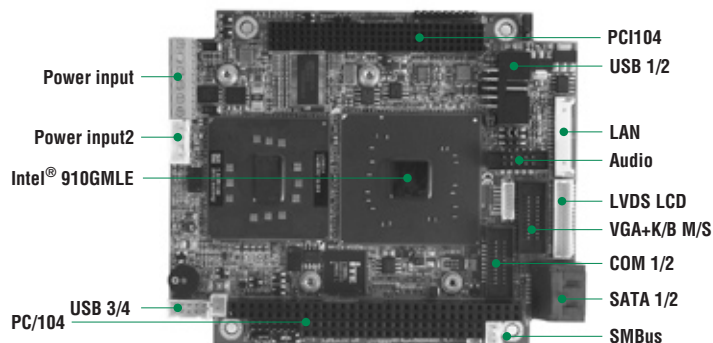


AX12280

Intel® Celeron® M PC/104 CPU Module with DualView, SATA and PC/104-Plus

2

Single Board Computers



System

CPU	ULV Intel® Celeron® M processors 600 MHz/512KB, 1.0 GHz/ZC & 1 GHz/512KB processor onboard
System Memory	1 x 200-pin DDR2 400/533 PC2-3200/PC2-4200 SODIMM max. up to 1GB
Chipset	Intel® 910GML+ICH6M
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	USB DiskOnModule
Watchdog Timer	255 levels as reset from 0 ~ 255 seconds
Expansion Interface	PCI-104 for 32-bit PCI extension PC/104 for 16-bit ISA extension
Battery	Lithium 3V/196 mAH
Size	96 x 90 mm
Temperature	0~60 C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

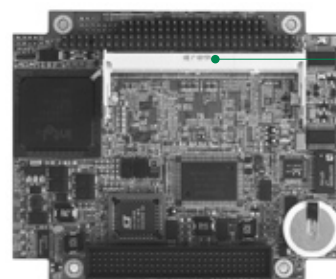
MIO	2 x SATA-150, 1 x PS/2 K/B, 1 x PS/2 M/S, 2 x COM (2 x RS-232)
SMBus	System management bus for advanced monitoring/control interface
Ethernet	Realtek RTL8111B for Gigabit Ethernet controller
Audio	AC'97 codec audio
USB	4 USB 2.0 port; 1 for USB DiskOnModule supported
Digital I/O	3 channel IN and 5 channel OUT

Display

Chipset	Integrated in Intel® 910GML GMCH
Memory Size	Max. up to 128MB frame buffer sharing system memory
Resolution	CRT: 2048 x 1536 (910GML) LVDS LCD: SXGA+ 1400 x 1050
Output Interface	CRT for DAC output LVDS LCD with 1 x 40-pin connector & backlight control connector

Features

- ▶ ULV Intel® Celeron® M processor onboard
- ▶ Intel® 910GML+ICH6M chipset
- ▶ DualView with different content & resolution
- ▶ 4 USB 2.0 ports for high speed peripherals & DoM
- ▶ Two Serial ATA-150 supported
- ▶ PC/104-Plus for 16-bit ISA and 32-bit PCI extension
- ▶ +5V only power input supported



Rear view

Packing List

Standard		
Quick installation guide, manual, driver, utility CD		
Cable		
Part Number	Description	AX12280VEA Qty
59484500010E	44-44-40 pin IDE cable L=200mm+200mm	1
59382631000E	2xUSB 2.0 wafer cable w/ bracket, L=180mm	1
59386831000E	USB cable w/ bracket, USB x 2, 2 x 5P, P=2.54, L=175mm	1
59384500100E	Audio cable w/ bracket, P=2.0, L=450mm	1
59380000300E	COM port x 2 w/ bracket, P=1.27 x 2.54, L=300mm	1
59420040000E	ATX power cable, 6P+4P, L=150mm	1
59327200000E	VGA+PS/2 cable, P=1.27 x 2.54, L=300mm	1
59093201000E	AX93201 to AX93202 LAN cable, L=200mm	1

Ordering Information

Standard	
AX12280VGA-1GE	PC/104 CPU module with ULV Intel® Celeron® M 1 GHz/ZC CPU, CRT/LVDS LCD, Gigabit Ethernet, AC'97 audio and 2 COM ports
Optional	
AX12280VGA-600	PC/104 CPU module with ULV Intel® Celeron® M 600 MHz/512KB CPU, CRT/LVDS LCD, Gigabit Ethernet, AC'97 audio and 2 COM ports