Published on EMAC Inc. (https://www.emacinc.com)
Source URL: https://www.emacinc.com/content/pfm-541i

PFM-541i



Onboard AMD Geode™ LX800 Processor

AMD LX800 + CS5536 Chipset

Onboard DDR333 Memory 256MB

2x 10/100 Base-TX Ethernet

CRT & Up to 24-bit TTL LCD support

1x EIDE, 1x Compact Flash

4x USB 2.0, 4x COM, 1x Parallel

PC/104 Expansion

+5V only operation, AT Power Type

OPTIONAL ACCESSORIES

TF-PFM-P13DW2-A10
PC/104 Board Power Supply Module with +5V & +12V Output PC/104, Rev. A1.0 WiTAS 2

TF-PCM-3538T-A10
TTL to LVDS Transmitter Module Rev. A1.0

1709100201
USB Cable, Length 20cm

1701260201
Printer Port Cable, Length 20cm

1700100200
LAN Cable, Length 20cm

1701400205

COM Cable, Length 20cm

The PFM-541I is built upon the AMD Geode LX800 processor and AMD CS5536 I/O chip. With up to 256MB of onboard DDR333 system memory, the PFM-541I is delivered ready to run. Offering two 10/100Base-TX Ethernet ports as well as 4 USB2.0, 4 COM ports and PC/104 expansion, the PFM-541I meets demanding connectivity and expansion requirements. Storage needs are met by both IDE and CompactFlash interfaces. **Flash Disk and Memory not included.**

Specifications

SBC Type:

Single Board Computers < 1 GHz

Processor

Processor:

Onboard AMD Geode™ LX800 Processor

Clock Speed:

500 MHz

Real Time Clock:

Processor Misc.:

AMD Geode™ LX series + CS5536

Memory

BIOS/ Bootloader:

AWARD Plug & Play FWH BIOS - 1 Mb ROM

Primary Flash:

1x CompactFlash™ card Type I

Primary I/O

Disk Interface:

EIDE x 1 (UDMA-33 for one device)

Video Out:

CRT/LCD Up to 254 Shared System Memory

Ethernet:

2x 10/100 Base-TX Ethernet

USB:

4x USB 2.0

Serial Ports:

3x RS232. 1x RS232/422/485

1x Parallel SPP/EPP/ECP

Watchdog:

Secondary I/O

LPT Port:

Keypad:

PS/2:

Secondary I/O Misc.:

Floppy Interface: One floppy disk drive connector

Analog on

A/D:

D/A:

Dimensions

Dimensions:

3.5 × 3.8 in

Weight:

110 g

Form Factor:

PC/104

Power Requirements

Voltage:
5 V
Typical Current:
1.83 A

Environmental

Low Operating Temperature:
0 C
High Operating Temperature:
60 C
Upper Operating Humidity:
90%
Environmental Misc.:
Optional Temperature: -40 to 80°C

Pricing

PFM-541I-A
LX800 PC/104 SBC W/ 4x COM, 2x Ethernet
$317.00
Parent Product:

PFM-541IW-A
LX800 PC/104 SBC W/ 4x COM, 2x ETH, EXT. Temp (NCNR)
$524.00
Parent Product:

Source URL: https://www.emacinc.com/content/pfm-541i