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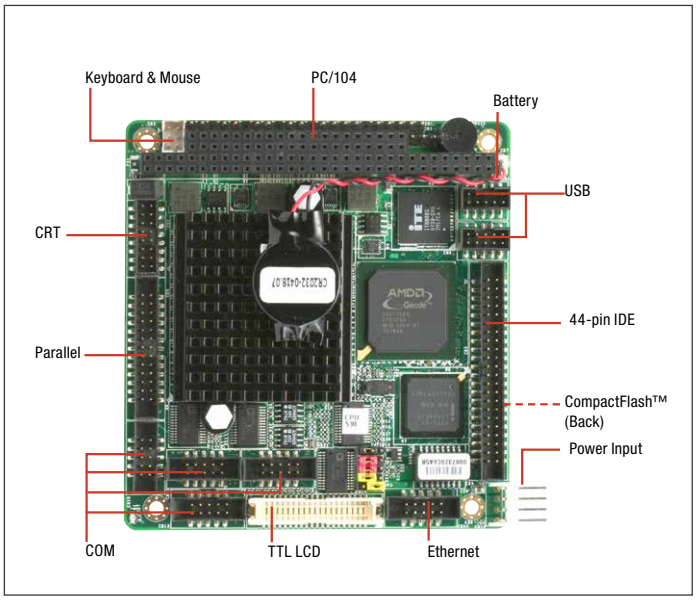
Expert team | Trust guarantee | 100% satisfaction

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Find the *Aaeon PFM-540I* at our website: ***Click HERE***

PFM-540I Rev. B

PC/104 Module with AMD Geode™ LX Processor with Intel® LAN Chip



Features

- **Onboard AMD Geode™ LX800 Processor**
- **AMD Geode™ LX800 + CS5536**
- **DDR 333 MHz SODIMM x 1, Up to 1 GB or DDR 400 MHz SODIMM x 1, Up to 512 MB**
- **10/100Base-TX Ethernet x 1**
- **18/24-bit TTL LCD Support**
- **EIDE x 1, CompactFlash™ x 1**
- **USB2.0 x 4, COM x 4 And Parallel x 1**
- **PC/104 Expansion**
- **+5V Only Operation, AT Power Type**
- **Low Power Consumption**

Specifications

System	
Form Factor	PC/104
CPU	Onboard AMD Geode™ LX 800
CPU Frequency	500 MHz
Chipset	AMD Geode™ LX 800 + CS5536
Memory Type	DDR333/400, SODIMM x 1, (512 MB for DDR400)
Max. Memory Capacity	1 GB
BIOS	Award 512 KB
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	+5V
Power Supply Type	AT
Power Consumption (Typical)	AMD Geode™ LX 800 500 MHz, DDR400 512 MB, 1.53A@+5V
Dimension (L x W)	3.55" x 3.77" (90mm x 96mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	100,000
Certification	CE/FCC
Display	
VGA/LCD Controller	AMD Geode™ LX 800
Video Output	CRT, TTL LCD
Backlight Inverter Supply	—
I/O	
Ethernet	Intel® 82551ER, 10/100Base-TX
Audio	—
USB Port	USB2.0 x 4
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP x 1
HDD Interface	UDMA33 x 1
FDD Interface	FDD x 1
SSD	CompactFlash™
Expansion Slot	PC/104
PWM LCD Support	—
DIO	—
TPM	—
Touch	—

Fanless DDR USB 2.0 100 LAN LCD CE FC

Packing List

- **9681540I02**
  Cable Kit for PFM-540I Rev.B
  - 1701440350 44-pin IDE Cable x 1
  - 1700060152 Keyboard & Mouse Cable x 1
  - 1709100201 USB Cable x 1
  - 1700160201 VGA Cable, Length 20cm
- **Product CD**
- **PFM-540I Rev.B**

Optional Accessories

- **1701100207**
  RS-232 Cable x 1
- **1700100200**
  LAN Cable x 1
- **1701260200**
  Printer Cable x 1
- **1709100201**
  USB Cable x 1
- **PCM-3538T-A10**
  TTL to LVDS Transmitter Module Rev. A1.0

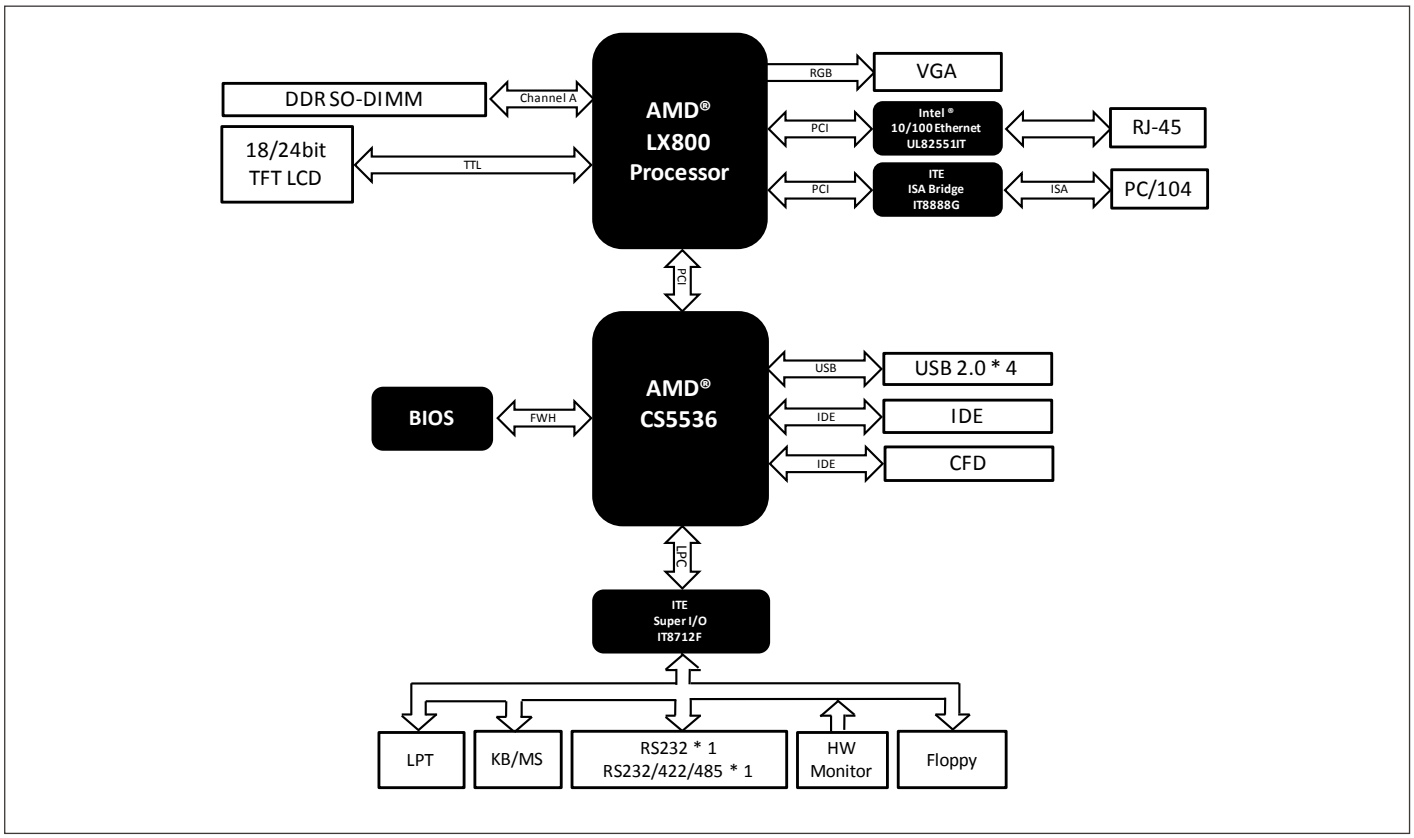
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Note: All specifications are subject to change without notice.

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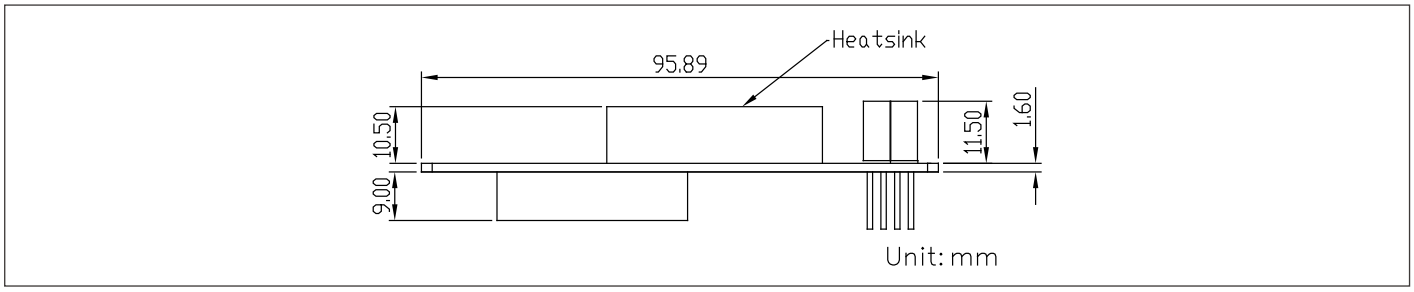
PFM-540I Rev. B

Block Diagram



Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	Fan/Fanless	Storage	Display	LVDS	LAN	USB	RS-232	RS-232/422/485	Parallel	Expansion Slot	Power	Temp.
TF-PFM-540I-B10	AMD Geode™ LX800	SODIMM	Fanless	EIDE x 1, CompactFlash™ x 1,	CRT + TTL	18/24b, 1CH	FE x 1	4	3	1	1	PC/104	+5V/AT	0°C ~ 60°C

Note: All specifications are subject to change without notice.

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