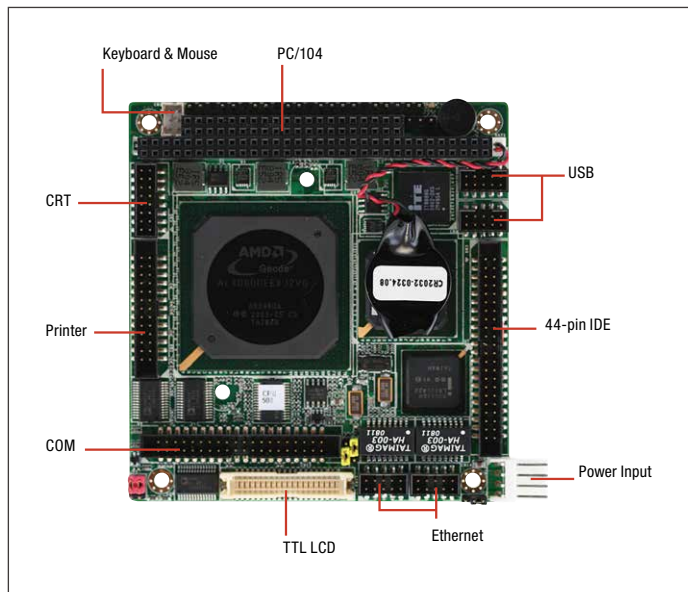


## PC/104 Module with Onboard AMD Geode™ LX800 Processor



## Features

- Onboard AMD Geode™ LX800 Processor
- AMD Geode™ LX800 + CS5536
- Onboard DDR 333 MHz Memory 256 MB
- 10/100Base-TX Ethernet x 2
- CRT & Up To 24-bit TTL LCD Support
- EIDE x 1, CompactFlash™ x 1
- USB2.0 x 4, COM x 4, Parallel x 1
- PC/104 Expansion
- +5V Only Operation, AT Power Type

## Specifications

System	
Form Factor	PC/104
CPU	Onboard AMD Geode™ LX 800
CPU Frequency	500 MHz
Chipset	AMD Geode™ LX 800 + CS5536
Memory Type	Onboard DDR333 Memory up to 256 MB
Max. Memory Capacity	256 MB
BIOS	Award Plug & Play BIOS - 1 MB ROM
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	+5V
Power Supply Type	AT
Power Consumption (Typical)	AMD Geode™ LX 800 500 MHz, DDR333 256 MB 1.83A@+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)	90,000
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, RJ-45 x 2
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	—
SSD	CompactFlash™
Expansion Slot	PC/104
PWM LCD Support	—
DIO	—
TPM	—
Touch	—



## Packing List

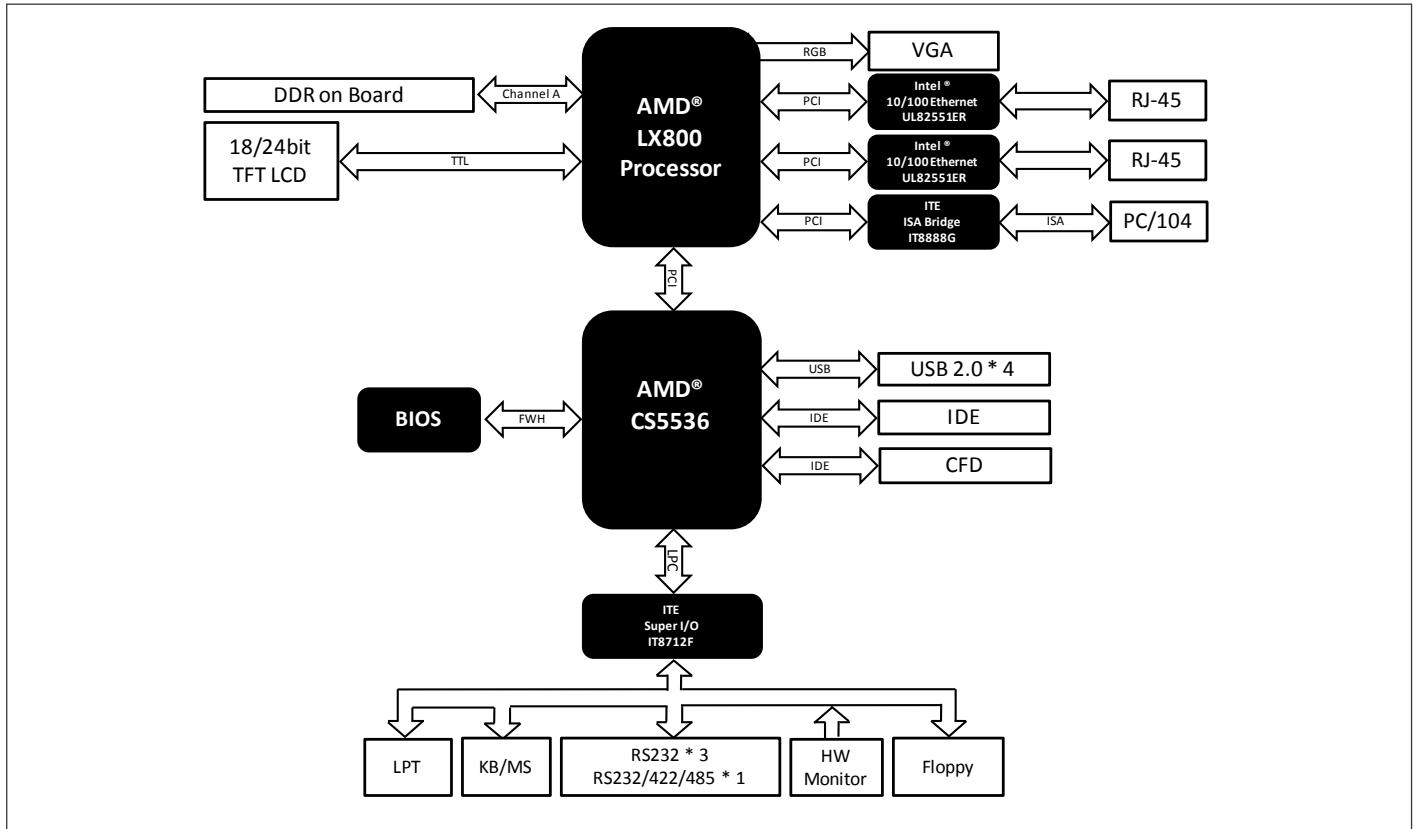
- Cable Kit
- Product CD
- PFM-5411 with Heatsink

## Optional Accessories

- **PFM-P13DW2-A10**  
PC/104 Board Power Supply Module with +5V & +12V Output PC/104, Rev. A1.0 WITAS 2
- **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
- **1700160201**  
VGA Cable, Length 20cm

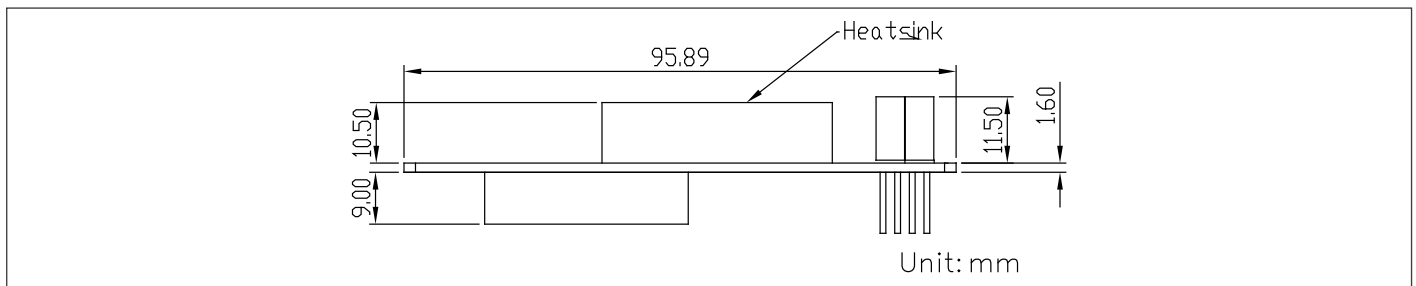
# PFM-541I

## 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-541I-A10	AMD Geode™ LX800	256 MB	Fanless	EIDE x 1, CompactFlash™ x 1	CRT + TTL	18/24b, 1Ch	FE x 2	4	3	1	1	PC/104	+5V/AT	0°C ~ 60°C