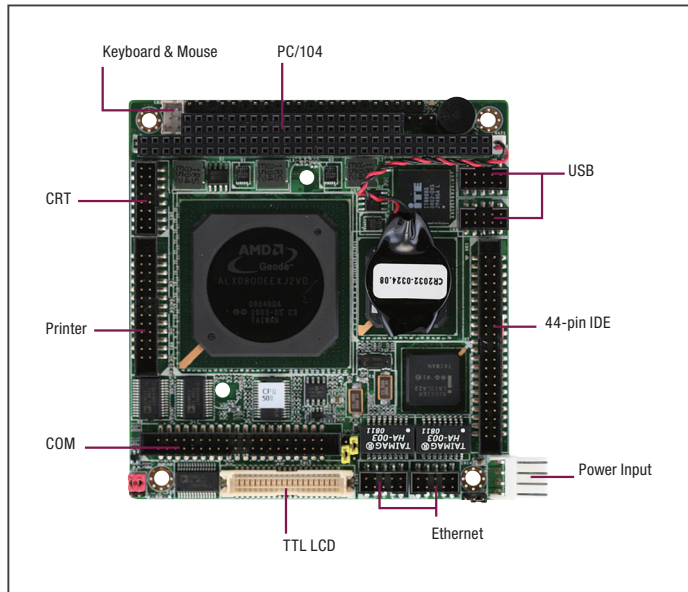


PFM-5411

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 | — |



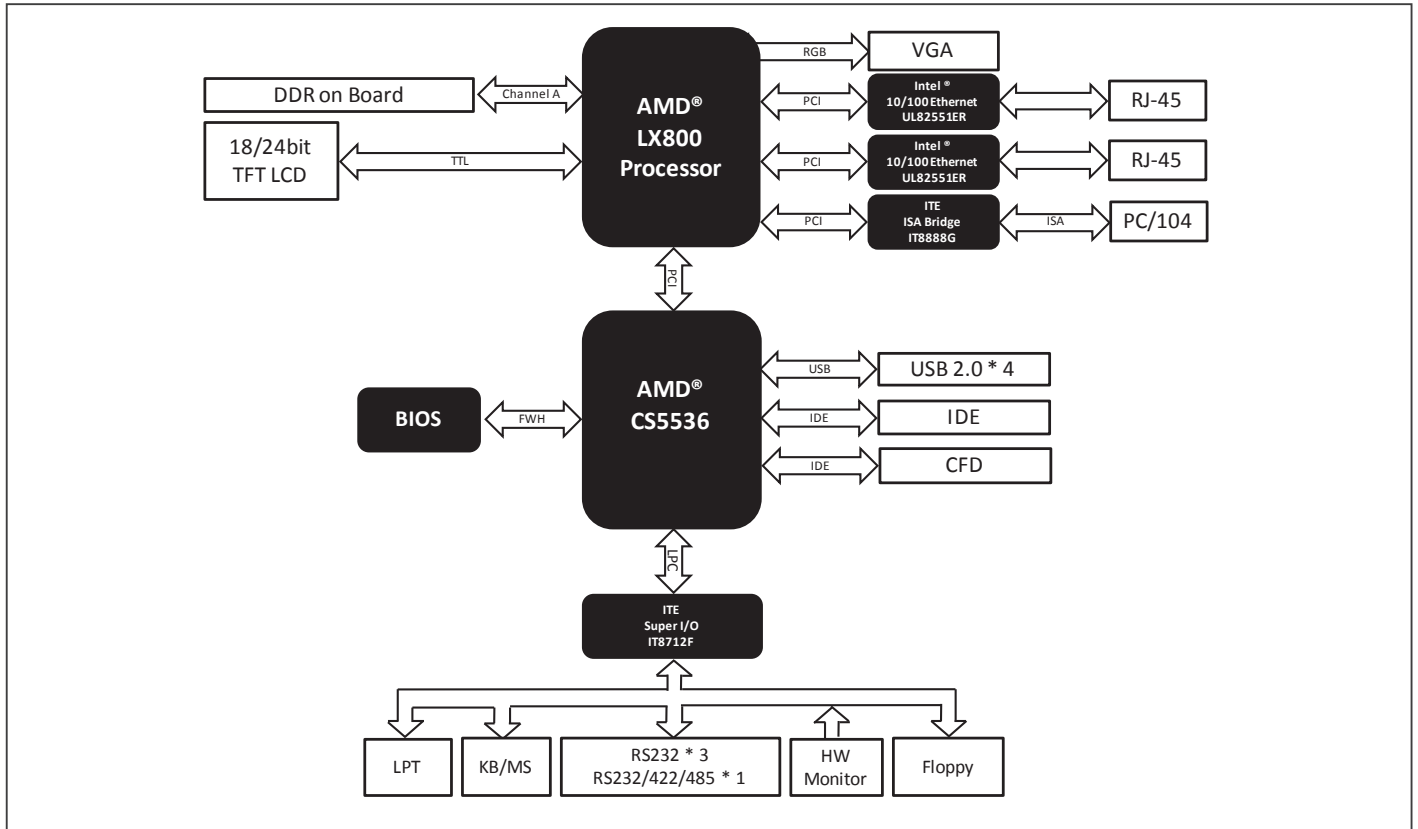
Packing List

- Cable Kit
- PFM-5411 with Heatsink

Optional Accessories

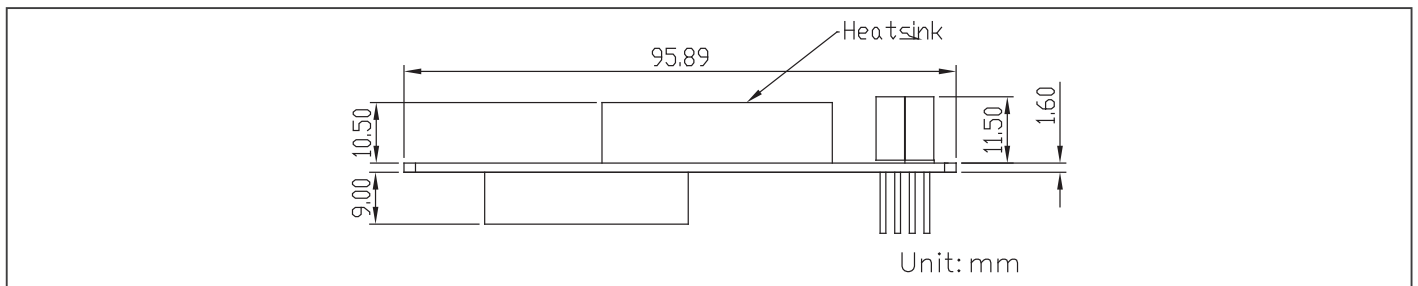
| Part Number | Description | Quantity |
|----------------|-----------------------------------------------------------------------------------|----------|
| PFM-P13DW2-A10 | PC/104 Board Power Supply Module with +5V & +12V Output PC/104, Rev. A1.0 WITAS 2 | 1 |
| PCM-3538T-A10 | TTL to LVDS Transmitter Module Rev. A1.0 | 1 |
| 1709100201 | USB Cable, Length 20cm | 1 |
| 1701260201 | Printer Port Cable, Length 20cm | 1 |
| 1700100200 | LAN Cable, Length 20cm | 1 |
| 1701400205 | COM Cable, Length 20cm | 1 |
| 1700160201 | VGA Cable, Length 20cm | 1 |

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 |