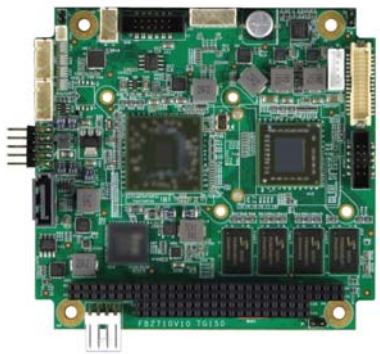
PC/104 Module

Low Power Solution

FB2710 AMD G-Serial T16R PC/104 CPU board With VGA/LCD, 2S, LAN, 3USB and CFast Socket



Features

- Fanless and low power consumption design
- AMD G-Serial T16R 615MHz CPU
- 1 SoDIMM socket supports up to 4GB DDR3L RAM
- One 10/100/1000 Base-T LAN
- 1 SATA Connector and 1 CFast Flash socket
- 2 Serial Ports and 3 USB V2.0 Ports
- Supports VGA display & TFT 18Bit /24Bit LVDS LCD
- Support PC/104 16-bit ISA bus
- Support HD Audio Function

Specifications

CPU:	AMD T16R 615MHz CPU with 512KB L2 Cache
System Chipset:	AMD Fusion Controller HUB A55E
Bus Interface:	Stack-Through PC/104
RAM Memory:	One 204-Pin SoDIMM socket (DDR3L-800/1066 RAM 4GB maximum)
Cache Size:	Internal 32KB(I)/32KB(D) Cache and 512MB L2 cache per Core
VGA Display:	AMD Radeon HD6250 embedded, supports CRT(VGA), LVDS LCD
Ethernet:	Build-In RTL8111F chipset, supports 10/100/1000 Base-TX with RJ-45 connector
Storage:	1 SATA Connector and 1 CFast Socket
Super I/O:	1 RS-232, and 1 RS-232/RS-422/RS-485
USB:	3 USB(V2.0) ports with 10-pin 2.54mm and one JST 4-pin 2.0mm headers
Audio:	Supports HD control lines for FB4706 (Audio adaptor board is optional)
BIOS:	AMI flash BIOS (including VGA/LCD BIOS and PXE LAN boot-ROM)
Watchdog:	Software programmable
RTC & CMOS RAM:	On-Board Lithium battery for CMOS data retention
Speaker:	Supports on-board buzzer and header for external speaker
Power Connector:	4-pin 2.5 mm JAE Connector
Power Req.:	+5V Only –2.5A (Typical)/3.9A (max.)
Operating Temp.:	0℃ ~ 50℃ (32℉ ~ 122℉)
Dimensions:	106.6 mm x 95.9 mm (4.00''x3.775'')

Optional Item

FB4706 Audio Adapter Board with cable.(PN:0103020022G-11)
One USB Adapter Cable (PN:7002020013G)

Ordering Information

Model	Description	Drivers
FB2710	PC/104 All-In-One AMD G-Serial T16R 615MHz Low-Power CPU Card with VGA, 2S, 3USB, LAN Audio and CFast Socket	Windows XPe, 7, 8, 8.1, and Linux

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