



FB2701 AMD G-Serial T40E ISA CPU Card

with VGA/LVDS, 4S, LAN, 4USB, Audio, PCIe MiniCard / CFAST Socket

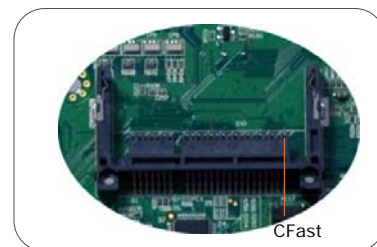
Features

- Fanless and low power consumption design
- AMD G-Serial T40E 1GHz CPU
- 1 SoDIMM socket supports up to 4GB DDR3L RAM
- One 10/100/1000 LAN
- 2 SATA Connector and 1 CFAST socket
- 4 Serial Ports and 4 USB V2.0 Ports
- Supports VGA display & TFT 18Bit /24Bit LVDS LCD
- ISA, PC/104 and PCIe (*1) expansion buses
- Support HD Audio Function



Specifications

CPU:	AMD T40E 1GHz CPU with 512KB L2 Cache of per Core
System Chipset:	AMD Fusion Controller HUB A55E
Bus Interface:	ISA + PC/104 + PCIe (x1)
RAM Memory:	1 204-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 VGA & LVDS LCD
Ethernet:	Build-In RTL8111F chipset, supports 10/100/1000 Base-TX with RJ-45 connector
HDD:	2 SATA Connector and 1 CFAST Socket
Super I/O:	3 RS-232, and 1 RS-232/RS-422/RS-485
Keyboard/Mouse:	PS/2 compatible with 6-pin mini-DIN connector and 6-pin 2.0mm JST connector
USB:	Built-in 4 USB(V2.0) ports with two 10-pin 2.54mm headers
Audio:	Supports HD control lines for FB4706 (Audio adaptor board is optional)
PCIe Mini Card:	Supports Wireless/GPRS module and mSATA
BIOS:	AMI flash BIOS (including VGA/LCD BIOS and PXE LAN boot-ROM)
H/W Monitoring:	Supports system temperature and Main/Aux. powers monitoring
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:	10-pin ATX connector for stand alone applications
Power Req.:	+5V -2.7A (Typical)/5.3A (max.) and +12V - 0.25A (max.) (For Fan)
Operating Temp.:	0°C ~ 60°C (32°F ~ 140°F)
Dimensions:	Compact size, 185 mm x 122 mm (7.28" x 4.80")



Optional Item

- FB4706 Audio Adapter Board with cable. (PN:0103020022G-11)
- Y-Type keyboard and mouse port adapter cables. (PN: 7003000008G)
- 1 Serial port Interface Cable (PN:7001000006G)
- AK1006-Half size mini PCIe module adapter kit (PN:0606010028G)
- BPO41E-BackPlane 4 ISA Slots + 1 PCIe*1 slot (PN:0103000019G-11)

Ordering Information

Model	Description	Verified OS
FB2701	All-In-One AMD G-Serial T40E 1GHz Low-Power CPU Card with VGA, 4S, 4USB, LAN, Audio and CFAST Socket	Windows XPe, 7, 8, 8.1 and Linux



FabiaTech Corp.

TEL:886-2-22789586 FAX:886-2-22789575

4F-3, No.18, Lane 609, Chung-Hsin Rd., Sec.5, San-Chung City, Taipei Hsien, Taiwan, R.O.C.

www.fabiatech.com