

Industrial Single Board Computer

Full-size PICMG CPU Card

FS-97C

Support Intel Mobil Core 2 Duo CPU with DDRII,
Onboard VGA, Intel Gigabit LAN, Mini-PCI
AC97 Audio, Compact Flash, DVI, LVDS, USB,
SATA, IDE



Form Factor	Full size PICMG (1.0 Compliant) CPU Card
CPU	Support Intel Core 2 Duo/Core Duo/Core solo/Celeron M Processor Package type: Micro-FCPGA478 Front side bus: 533/667MHz
Memory	2 x DDRII 533/667MHz SDRAM up to 3GB
Chipset	Intel 945GM & ICH7M
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	ACPI 1.0 compliant, supports power saving mode
VGA Interface	Intel integrated extreme GMA 950(Graphic Media Accelerator) Technology
Video Memory	Up to 224MB shared with system memory
LVDS interface	Onboard 18-bit dual channel LVDS connector
DVI Interface	Chrontel CH7307B DVI transmitter with onboard 26-pin DVI interface
PCI Enhanced IDE	One UltraATA/100 IDE channel up to 2 ATAPI devices 1 x onboard 40-pin IDE connector
Serial ATA Interface	2 x serial ATA interface with 150MB/s transfer rate
Audio Interface	Intel ICH7-M integrated with Realtek ALC655 5.1CH Audio
LAN Interface	2 x Intel 82573L Gigabit Ethernet controllers
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Solid State Disk Interface	Onboard 40-Pin IDE One Compact Flash Type II
Extended Interface	2 x Mini-PCI socket
Internal I/O Port	1 x RS232 port, 1 x RS232/422/485, 1 x FDD port, 1 x GPIO port, 1 x CDIN connector, 4 x USB ports, 1 x Audio connector, 1 x Parallel port 1 x Irda connector, 1 x Onboard 5-pin AT keyboard Port, 1 x LVDS, 1 x DVI 1 x 5-pin LCD inverter connect,
External I/O Port	2 x RJ45 LAN port, 1 x DB15 VGA port ,1 x PS/2 Keyboard/Mouse Port,
Power Requirement	+5V, +12 DC input & 5V _{SB} Requirement
Board Dimension	338 mm x 122 mm (L x W)
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

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Ordering Code	
FS-97CDG	Support Intel Core 2 Duo/Core Duo/Core solo/Celeron M Processor with onboard VGA, DVI, LVDS, Audio, SATA, Giga LAN, USB2.0, Serial port, LPT, CF, GPIO, Mini PCI, FDD,IrDA
FS-97CDG2	Same as above and with secondary Gigabit LAN