

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



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| 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 | |
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| 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 |