

Industrial Single Board Computer

Full-size PICMG CPU Card

FS-97D

Support Intel Core 2 Quad /Core 2 Duo

Celeron Processor with DDRII

Onboard VGA, Gigabit LAN, Mini-PCI, COM

HD Audio, DVI, LVDS, USB, SATA



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|-----------------------------|--|
| Form Factor | Full-size PICMG (1.0 Compliant) CPU Card |
| CPU | Support Intel Core 2 Quad /Core 2 Duo /Celeron Processor Package type: LGA775 Front side bus: 800/1066/1333MHz |
| Memory | 2 x DDRII 667/800MHz SDRAM up to 4.0 GB |
| Chipset | Intel Q35 & ICH9DO |
| 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, support power saving mode |
| VGA Interface | Intel integrated Extreme GMA 3100(Graphic Media Accelerator) Technology |
| Video Memory | Up to 384MB shared with system memory |
| LVDS interface | Chrontel CH7308 LVDS transmitter with 24-bit dual channel LVDS connector (Optional) |
| DVI Interface | 2 x Chrontel CH7307B DVI transmitter with onboard 26-pin DVI interface (Optional) |
| Serial ATA Interface | 6 x serial ATA interface with 300MB/s transfer rate Support RAID 0, 1, 5, 10 and Intel Matrix Storage Technology |
| Audio Interface | Intel ICH9DO integrated with Realtek ALC888 2CH HD Audio |
| LAN Interface | 2 x Intel 82573L Gigabit Ethernet controllers |
| GPIO interface | Onboard programmable 8-bit Digital I/O interface |
| Extended Interface | 1 x Mini-PCI socket |
| Internal I/O | 1 x RS232, 1 x RS232/422/485, 1 x IrDA, 1 x FDD, 1 x GPIO, 1 x CDIN, 8 x USB, 1 x Audio, 1 x LPT, 1 x 5-pin LCD inverter connect, 2 x DVI 1 x Onboard 5-pin AT keyboard and 1 x LVDS (Optional) |
| External I/O | RJ45, LAN, DB15 VGA, PS/2 Keyboard/Mouse |
| 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-97DDG | Onboard VGA, Audio, SATA, USB2.0, COM, LPT, GPIO, Mini PCI, FDD, IrDA, DVI, and Giga LAN |
| FS-97DDG2 | Same as above and with 2 Gigabit LAN |
| FS-97DD2G2 | Same as above and with 2 DVI and 2 Gigabit LAN |
| FS-97DXG | Onboard VGA, Audio, SATA, USB2.0, COM, LPT, GPIO, Mini PCI, FDD, IrDA, LVDS, and Giga LAN |
| FS-97DXG2 | Same as above and with 2 Gigabit LAN |
| MP-6421 | Mini PCI with one 44-pin Ultra DMA 33 IDE interface supports up to 2 ATAPI devices 1 x Compact Flash Type II and 2 x serial ATA interface |
| MP-954 | Mini-PCI Support four 16C950 High performance UART channels |
| ADP-L2T | 18bit LVDS to TTL modul |