

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Custom engineering
so your equipment works exactly as you specify.

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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



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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COMMELL
Stage For Your Success

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

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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