

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
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Industrial Single Board Computer

Full-size PICMG CPU Card

FS-97B

Support Intel Core 2 Quad CPU
with DDRII, Onboard VGA, Intel Gigabit LAN, Mini-PCI
HD Audio, DVI, LVDS, USB, SATA



Form Factor	Full-size PICMG (1.0 Compliant) CPU Card
CPU	Support Intel Core 2 Duo /Core 2 Quad/ Pentium 4 / Pentium D / Celeron D Processor Package type: LGA775 Front side bus: 533/800/1066MHz
Memory	2 x DDRII 533/667/800MHz SDRAM up to 4GB
Chipset	Intel 82Q965 &ICH8DO
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 3000(Graphic Media Accelerator) Technology
Video Memory	Up to 256MB shared with system memory
LVDS interface	Chrontel CH7308 LVDS transmitter with 24-bit dual channel LVDS connector **(Optional)**
DVI Interface	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 ICH8DO integrated with Realtek ALC260 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 Port	1 x RS232 port, 1 x RS232/422/485/IrDA, 1 x FDD port, 1 x GPIO port, 1 x CDIN connector, 6 x USB ports, 1 x Audio connector, 1 x Parallel port, 1 x Onboard 5-pin AT keyboard Port, **(Optional)**1 x LVDS, 1 x 5-pin LCD inverter connect, 1x DVI
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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COMMELL
Stage For Your Success

Ordering Code	
FS-97BDG	Support Intel Core 2 Duo/Core 2 Quad/ Pentium 4 Pentium D / Celeron D Processor, onboard VGA, Audio, SATA, Giga LAN, USB2.0, Serial port, LPT, GPIO, Mini PCI, FDD, IrDA, DVI
FS-97BDG2	Same as above and with secondary Gigabit LAN
FS-97BXG	Support Intel Core 2 Duo/ Core 2 Quad/Pentium 4 Pentium D /Celeron D Processor, onboard VGA, Audio, SATA, Giga LAN, USB2.0, Serial port, LPT, GPIO, Mini PCI, FDD, IrDA, LVDS
FS-97BXG2	Same as above and with secondary Gigabit LAN

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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