

Industrial Single Board Computer

Full-size PICMG CPU Card

FS-97A

Full-size Pentium M CPU Card

Intel Pentium M socket479 with DDR333

Onboard VGA, Gigabit LAN, Compact Flash

Mini-AGP, LVDS, USB2.0



Form Factor	Full-size PICMG CPU card with ISA 64mA High Drive	
CPU	Intel Socket479/BGA479 for Pentium M / Celeron M processor	
Memory	2 x DDR266/333 SDRAM up to 2GB	
Chipset	Intel 82855GME and ICH4	
Real Time Clock	Chipset integrated RTC with onboard lithium battery	
Watchdog Timer	Generates a system reset with internal timer for 1min ~ 255min	
Power Management	ACPI 1.0 compliant, supports power saving mode with ATX PSU	
PCI Enhanced IDE	Dual UltraATA/100 IDE channels up to 4 ATAPI devices	
VGA Interface	Intel 855GME integrated Extreme Graphic 2 Technology	
Video Memory	Up to 64MB shared with system memory	
LCD interface	24-bit dual channel LVDS interface up to 1600 x 1200 of resolution	
Audio Interface	Intel ICH4 integrated with Realtek ALC201A AC97 Codec	
LAN Interface	Intel 82562ET 100Mbps Ethernet Controller Optional secondary Intel 82540EM Gigabit Ethernet controller	
Solid State Disk	1 x Compact Flash Socket IDE1 supports DiskOnModule with +5V power supply	
GPIO interface	Onboard programmable 8-bit Digital I/O interface	
Extended Interface	1 x Onboard Mini-AGP socket	
Internal I/O Port	1 x internal parallel and IrDA ports and 1 x 5-pin LCD inverter connector 4 x USB 2.0 ports, 1 x FDD port and 2 x RS232 serial port 1 x onboard 5-pin AT keyboard port	
External I/O Port	2 x RJ45 LAN ports for dual LAN version, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port, 1 x RS232 Serial Port for single LAN version	
Power Requirement	+5V, +12V DC input	
Board Dimension	338 x 122 mm (L x W)	
Operation Temperature	0 ~ 60 °C (32 ~ 140 °F)	
Ordering Code	FS-97AVL	Intel Pentium M Full-size CPU Card with onboard VGA, LAN, USB 2.0 Ports, Audio, LVDS, RS232 serial port, Mini-AGP, Compact Flash Socket
	FS-97AVL2	Same as above and with secondary Gigabit LAN

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