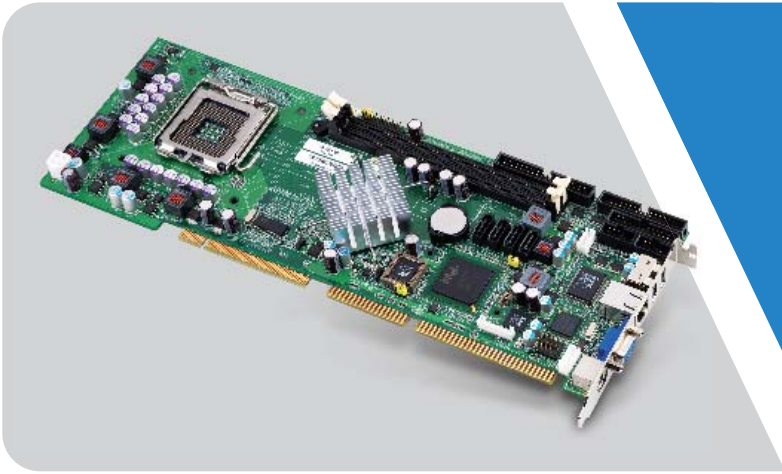
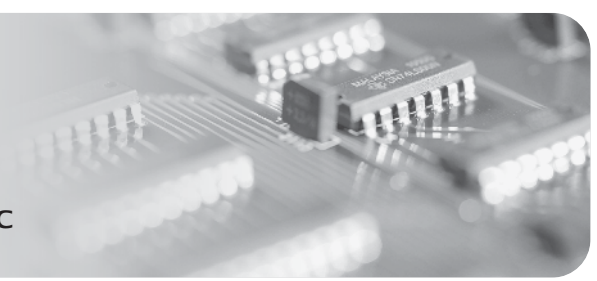


Full Size SBC

IP-F915A

Intel® Pentium® 4 / Celeron® D Processor based PICMG1.0 SBC
with VGA, Fast Ethernet, SATA, COM & USB



Features

- Intel® Pentium® 4 / Celeron® D Processor in an LGA775 Socket
- Intel® 915GV Chipset, 800/533 MHz FSB
- Supports Dual-channel DDR2 Memory Architecture
- Integrated Intel® GMA 900 graphics
- Support 10/100Base-TX Ethernet
- Supports Four SATA 150 Devices
- Two COM Ports, Six USB 2.0 Ports

Specifications

System	
CPU	Intel® Pentium® 4 / Celeron® D processor in the LGA775 package
FSB	800/533 MHz
BIOS	Award BIOS with 4 Mb Flash EEPROM
System Chipset	Intel® 915GV + ICH6
I/O Chip	ITE IT8712F I/O Controller
System Memory	2 x 240-pin DIMM sockets support dual-channel DDR2 400/533 SDRAM Max. up to 2 GB memory
Storage	1 x Parallel ATA IDE port with UDMA 33, ATA-66/100 support 4 x Series ATA 150 ports
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats.

MIO	
Internal I/O	1 x Floppy, 1 x Parallel, 2 x RS-232, 4 x USB 2.0
Bracket I/O	1 x VGA, 1 x RJ-45, 2 x USB 2.0 ports, 6-pin mini-DIN for PS/2 KB & Mouse

Display	
Graphics Controller	Intel® 915GV Integrated GMA 900 Graphics
Display Memory	Intel® DVMT 3.0 supports up to 128 MB video memory
Resolution	Analog display : up to 2048 x 1536 @ 85 Hz (QXGA) Digital display : up to 2048 x 1536 @ 85Hz
VGA/LCD Interface	DSUB-15 connector for VGA output
LVDS	Dual channel (2x18-bit) LVDS

Audio	
Audio Interface	AC97 Interface reserved by pin-header (Audio card with bracket by option)

Ethernet	
Controller	Intel® 82562GZ Ethernet Controller
Ethernet Interface	IEEE 802.3 10BASE-T/100BASE-TX

Mechanical & Environmental	
Power Requirement	+5 V @ 6 A, +12 V @ 12 A, -12 V @ 100 mA, 5 VSB @ 500 mA
Power Type	ATX power
FAN connector	1 x CPU, 1 x system
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	10%~90% relative humidity, noncondensing
Size (L x W)	13.33" x 4.80" (338.5 mm x 122 mm)
Weight	0.93 lb (420 g)

Ordering Information

IP-F915A: Intel® Pentium® 4 / Celeron® D Processor based PICMG 1.0 SBC with VGA, Fast Ethernet, SATA, COM & USB
IP-ALCS20: AC97 Audio Card

Drawing

