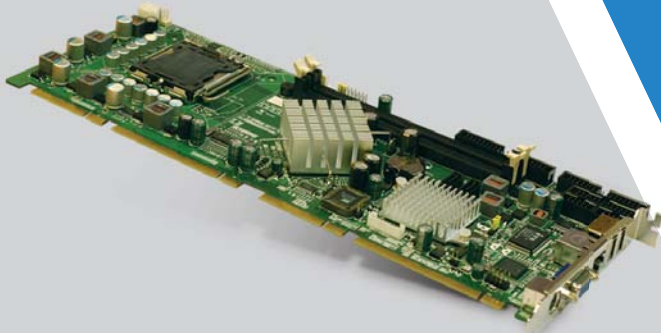
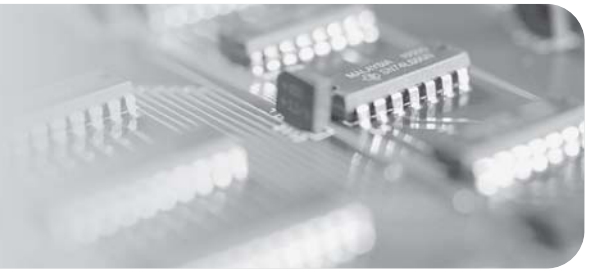


Full Size SBC

IPO-5041

Intel® Core™ 2 Duo / Celeron® D Processor based PICMG 1.3 SBC
with VGA, Gigabit Ethernet, SATA, COM & USB



Core Specifications

- Intel® Core™ 2 Duo Desktop / Pentium® 4 / Celeron® D processor in an LGA775 Socket
- Intel® 945G Chipset, 1066/800/533 MHz FSB
- Dual-channel DDR2 Memory Architecture
- Integrated Intel® GMA 950 Graphics
- Gigabit Ethernet
- Two SATA 300 Ports, One PATA Port
- Two COM Ports, Four USB 2.0 Ports

Specifications

System	
CPU	Intel® Core™ 2 Duo - E6000, E4000 Series
	Intel® Pentium® Dual Core™ - E2000 Series
	Intel® Pentium® 4 - 500, 600 Series
	Intel® Celeron® - 400 Series
	Intel® Celeron® D - 300 Series
	LGA 775 Package
FSB	1066/800/533 MHz
BIOS	Award BIOS with 4 Mb Flash ROM
System Chipset	Intel® 945G + ICH7R
I/O Chip	ITE® IT8712F I/O Controller
System Memory	2 x 240-pin DIMM sockets Dual channel DDR2 533/667 SDRAM
	Max. up to 2 GB memory
Storage	1 x Parallel ATA IDE port with UDMA 33, ATA-66/100 support
	2 x Serial ATA 300 ports
RAID	RAID 0, 1, 5, 10 function
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	
Floppy	1 x Floppy connector
Parallel	1 x Parallel connector
Serial	2 x Serial ports (2 x int)
USB	4 x USB 2.0 ports (2 x ext, 2 x int)
PS/2	6-pin mini-DIN for PS/2 KB & Mouse
Display	
Graphics Controller	Intel® 945G Integrated Intel® GMA 950 Graphics
Display Memory	Intel® DVMT3.0 up to 256 video memory
Resolution	Up to 2048 x1536 @ 75 Hz (QXGA)
Display Interface	DSUB-15 connector for VGA port

Audio

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

Controller	Intel® 82573L Gigabit Ethernet or Optional Intel® 82562GZ Ethernet PHY
Ethernet Interface	IEEE 802.3 10BASE-T/100BASE-TX/1000BASE-T RJ-45 connectors with two LEDs indicators

Mechanical & Environmental

Power Requirement	+5V @ 3.92 A, +3.3 V @ 0.73 A, +12 V @ 8.23 A, -12 V @ -0.06 A, 5 Vsb @ 0.08 A
Power Type	ATX Power
FAN Connector	1 x CPU, 1 x SYS, 1 x Power with DC 12V
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	10%~90% relative humidity, noncondensing
Size (L x W)	13.33" x 4.98" (338.6mm x 126.4mm)
Weight	0.93 lb (420g)

Ordering Information

IPO-5041: Intel® Core™ 2 Duo Desktop / Processor based PICMG 1.3 SBC
with VGA, Gigabit Ethernet, SATA, COM & USB

IP-ALCS20: AC97 Audio Card

