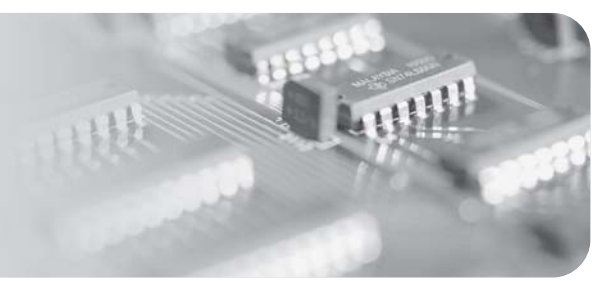


Full Size SBC

IPO-5040

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



Core Specifications

- Intel® Core™ 2 Duo Desktop / Pentium® D / Celeron® D Processor in an LGA775 Socket
- Intel® Q965 Chipset. 1066/800/533 MHz FSB
- Dual-channel DDR2 Memory Architecture
- Integrated Intel® GMA 3000 Graphics
- Dual Gigabit Ethernet
- Two SATA 300 Ports
- Two COM Ports, Four USB 2.0 Ports

Specifications

System	
CPU	Intel® Core™ 2 Duo Desktop / Pentium® D / Pentium® 4 / Celeron® D processor in the LGA775 package
FSB	1066/800/533 MHz
BIOS	AMI BIOS with 8 Mb Flash EEPROM
System Chipset	Intel® Q965 + ICH8R
I/O Chip	ITE IT8718F I/O Controller
System Memory	2 x 240-pin DIMM sockets Dual-channel DDR2 533/667/800 SDRAM Max. up to 4 GB memory
Storage	1 x SATA to Parallel ATA IDE ports with UDMA 33, ATA-66/100 2 x Series ATA 300 ports
RAID	ICH8R supports RAID 0, 1, 10, 5 (Via Backplane) 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.
GPIO	Onboard programmable 8-bit Digital I/O interface
MIO	
Internal I/O	1 x IrDA, 1 x Floppy, 1 x RS-232, 1 x RS-232/422/485, 2 x USB 2.0, 1 x KB, 1 x Mouse
Bracket I/O	1 x VGA, 2 x RJ-45, 2 x USB 2.0
Display	
Graphics Controller	Intel® Q965 Integrated GMA 3000 Graphics
Display Memory	Intel® DVMT 4.0 supports up to 256 MB video Memory
Resolution	Analog display : up to 2048x1536@ 75 Hz (QXGA)
Display Interface	DSUB-15 connector for VGA output

Audio	
Audio Interface	HDAC Interface reserved by pin-header, (Audio card with bracket by option)
Ethernet	
Controller	Dual Marvell® 88E8053 PCI Express™ Gigabit Ethernet controllers
Ethernet Interface	IEEE 802.3 10BASE-T/100BASE-TX/1000BASE-T
Mechanical & Environmental	
Power Requirement	+3.3 V @ 4.96 A, +5 V @ 1.69 A, +12 V @ 4.08 A, -12 V @ 0 A, 5 VSB @ 0.03 A
Power Type	ATX power
FAN connector	1 x CPU, 2 x system 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" (338.6 mm x 126.4 mm)
Weight	0.93 lb (420 g)

Ordering Information

IPO-5040: Intel® Core™ 2 Duo Desktop Processor based PICMG 1.3 SBC with VGA, Dual Gigabit Ethernet, SATA, COM & USB
IP-ALCS30: High Definition Audio Card

Full Size SBC

