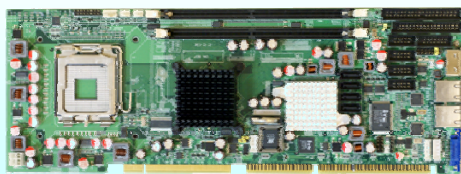


IPO-2040 Intel® Core™ 2 Duo Desktop Processor based PICMG 1.0 SBC with VGA, Dual Gigabit Ethernet, SATA, COM & USB

Features:

- ⊗ Intel® Core™ 2 Duo Desktop/ Pentium® 4 / Celeron® D Processor in an LGA755 Socket
- ⊗ Intel® Q965 Chipset. 1066/800/533/ MHz FSB
- ⊗ Dual-channel DDR2 memory Architecture
- ⊗ Integrated Intel® GMA 3000 Graphics
- ⊗ Dual 10/100/1000Base-T Ethernet
- ⊗ Four SATA 300 Devices
- ⊗ Four COM Ports, Four USB 2.0 Ports



Specifications:

CPU	Intel® Core™ 2 Duo Desktop / 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 + ICH8DO
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 port with UDMA 33, ATA-66/100 support 4 x Serial ATA 300 ports
RAID	ICH8DO supports 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
GPIO	Onboard programmable 8-bit Digital I/O interface
Internal I/O	1 x IrDA, 1 x Floppy, 3 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 ports
Graphics Controller	Intel® Q965 Integrated Intel® 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) Flat Panels : up to 2048x1536 @ 60 Hz
Display Interface	DSUB-15 connector for VGA output
Audio Interface	HDAC Interface reserved by pin-header, (Audio card with bracket by option)
Controller	Dual Marvell® 88E8053 PCI Express TM Gigabit Ethernet controllers
Ethernet Interface	IEEE 802.3 10BASE-T/100BASE-TX/1000BASE-T
Power Requirement	TBD
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	0%-90% relative humidity, noncondensing
Size (L x W)	13.33" x 4.8" (338.5 mm x 122 mm)
Weight	0.93 lb (420 g)