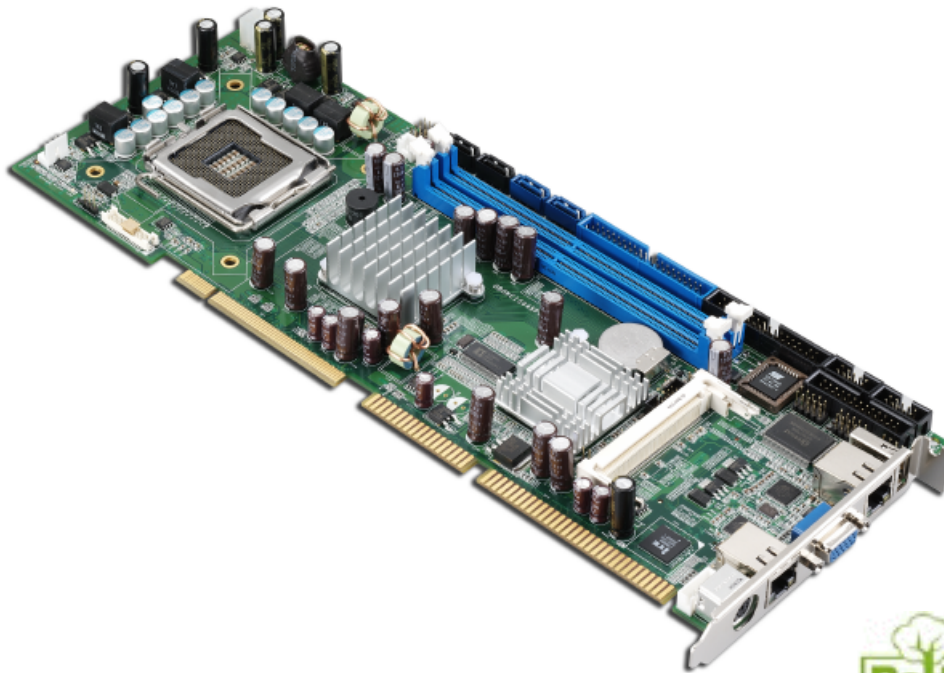


# EIS-945P

Full-size PICMG 1.0 single-processor system host board  
with Intel® 945G chipset

# ECS

Embedded  
Computer  
Source



- ⇒ Supports Intel® LGA775 Pentium® D dual-core CPU
- ⇒ Intel® Graphics Media Accelerator 950
- ⇒ 1066/800/533 MHz System Bus
- ⇒ Hyper-Threading Technology Support
- ⇒ DDR2 400/533/667 support up to 2GB
- ⇒ High-speed USB 2.0 ports
- ⇒ 2 Gigabit Ethernet ports
- ⇒ 4 Channels SATA 3 Gb/s
- ⇒ Watchdog Timer

# EIS-945P

## Full-size PICMG 1.0 single-processor system host board with Intel® 945G chipset

### Technical Information

<b>Specifications</b>	Full-size PICMG1.0 Single Board Computer PCI Local Bus Specification, Rev 2.3 compliant
<b>Processors</b>	Single Processor with Intel® Land Grid Array 775 (LGA775) package Intel® Pentium® D or Pentium® 4 Processor 1066/800/533MHz Front Side Bus Auto-selection of CPU frequency and core voltage Intel Hyper-Threading Technology supported
<b>Chipset</b>	Intel® 945G Graphic Memory Controller Hub (GMCH) Intel® I/O Controller Hub 7 (ICH7)
<b>BIOS</b>	Support for 4 Mb Firmware Hub. BIOS write protection provides anti-virus capability DMI BIOS Support Supports system soft power-off (via ATX power supply) Supports PXE Remote Boot Supports boot from USB Device
<b>System Memory</b>	Dual Channel DDR2 400/533/667 MHz, unbuffered, non-ECC 2 DIMMs, maximum 2GB
<b>Graphics</b>	GMCH analog RGB output on the faceplate. Integrated VGA on Intel 945G, core frequency up to 400Mhz Resolution up to 2048 x 1536 at 75Hz. 24-bit LVDS support, panel resolution up to 1600x1200
<b>Form Factor</b>	PICMG 1.0 Full-size Single Board Computer Dimensions: 338.6mm(L) x 122mm(W) (13.33"x4.8")
<b>PCI Support</b>	PCI Golden Fingers Mini PCI card slot x1
<b>Bus on PICMG 1.0</b>	ISA Interface, I/O & IRQ supported only, does not support DMA & bus master Supports one PCI bus (32-bit at 33MHz)
<b>I/O Controller</b>	LPC Super I/O controller Winbond W83627EHF
<b>On-board LAN</b>	Onboard Marvell 88E8053 supports 2 GbE ports on faceplate
<b>ISA Interface</b>	PCI to ISA Bridge - ITE8888G
<b>Expansion Interface</b>	PICMG 1.0, Mini PCI socket
<b>Peripheral Support</b>	One IDE Channel supports one Ultra ATA 100/66/33 device (Master) One CompactFlash I/II port via IDE (Slave) Supports 4 channels SATA 3Gb/s One Mini PCI card slot Two COM ports (Internal Pin Header) COM 1: RS-232, COM 2: RS-232/422/485 One internal bi-direction parallel port with SPP/ECP/EPP mode One internal AC'97 interface connector One internal floppy port On bracket PS/2 KB/Mouse connector 7 USB 2.0 Ports: three 5x2 pin header for internal, one TYPE-A connector on bracket
<b>Watchdog Timer</b>	1-255 step, can be set with software on Super I/O
<b>Hardware Monitor</b>	Temperature, fans, and voltage monitoring Fan speed control and monitoring
<b>Operating Temp.</b>	0°C - 60°C
<b>Certifications</b>	CE, FCC Class A

### Product Information

Article	Description
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#### Embedded Computer Source Ges. m.b.H.

Franz Lehargasse 17  
A-2384 Breitenfurt / Wien  
Austria  
sales@embeddedcomputersource.com  
<http://www.embeddedcomputersource.com>