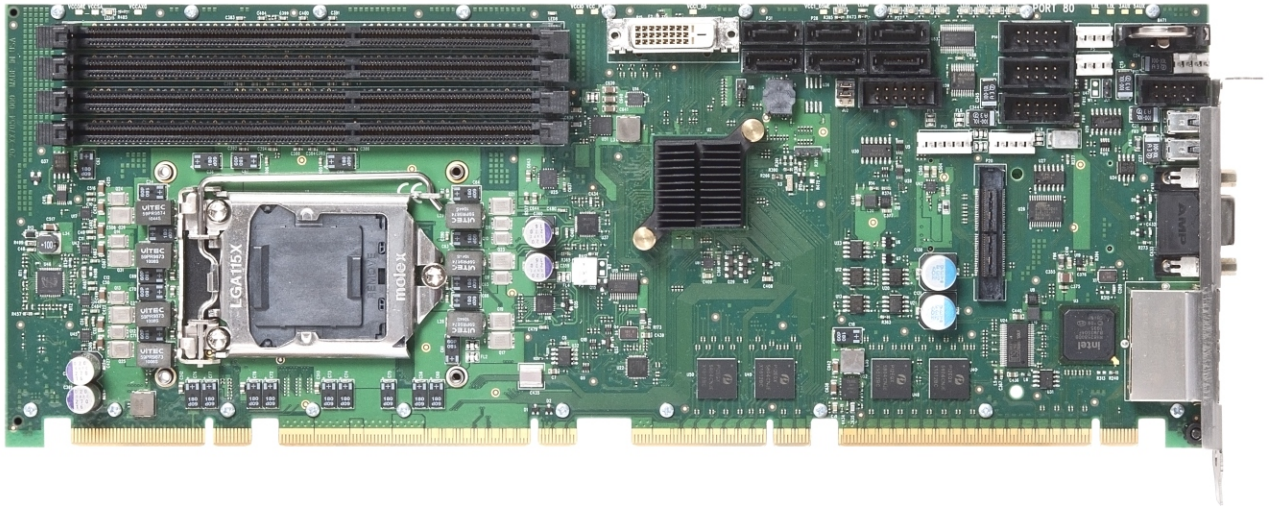


# Transduction

Intel Xeon or i-Series Processor up to 3.4GHz

TR-7053

TR-7053 Industrial PICMG 1.3 System Host Board



## Features

- Supports Intel Xeon Dual/Quad Core E3-1200 series or Intel Core i-Series i7/i5/i3 processor up to 3.4GHz.
- 2 x DDR3 1066/1333MHz DIMM sockets, supports up to 32GB memory.
- Integrated Intel C206 chipset
- PCIe Gen2 / PCIe Gen 1.1 interfaces support x16, x8, x4 and x1 PCI Express cards.
- Multiple I/O functions: 10 x USB 2.0, 2 x COM, 4 x SATA-II, 2 x SATA-III, 1 x LPT and 1 x keyboard/mouse
- Expansion slots: 1 x mini PCI-E
- Dual 10/100/1000Base-T ethernet ports.
- 0 ~ 50°C operating temperature with full software load.
- Standard PICMG 1.3 form factor.
- Actual MTBF >100,000 hours

# Transduction

Intel Xeon or i-Series Processor up to 3.4GHz

## TR-7053

### TR-7053 Industrial PICMG 1.3 System Host Board

#### Specification

##### Processor

- Intel Xeon (E3-1200 series) Quad Core and 2nd generation Intel Core i7/i5/i3 processors, up to 3.4GHz

##### Processor Socket

- LGA1155

##### Chipset

- Intel C206 PCH

##### Memory

- 2 x DDR3 sockets, upto 8GB 1066/1333MHz SDRAM, non-ECC

##### BIOS

- AMI Aptio 4.x

##### Gigabit LAN

- Intel 82580DB ethernet controller - two 10/100/1000Base-T ports

##### Video

- Intel C206 chipset - built in Intel HD Graphics P3000 @ 2560 x 1600 resolution for E3-1200 series
- Built in Intel HD Graphics P2000 @ 2560 x 1600 resolution for Intel Core i7/i5/i3 processors
- Supports SVGA and DVI-D

##### On Board I/O

- 1 x keyboard/mouse
- 1 x RS-232 and 1 x RS-232/422/485
- 4 x SATA-II and 2 x SATA-III
- 1 x LPT
- 2 x USB 2.0 on board, 4 x USB 2.0 via pin header and 4 x USB 2.0 via edge connector Ct

##### Expansion Slots

- 1 x Mini PCI-E

##### Watch-Dog Timer

- Generates system reset; timeout periods of 100msec, 1sec, 10sec or 1min via board component U11

##### Operating Temperature

- 0 ~ 50°C (32 ~ 122°F)

##### Storage Temperature

- -20 ~ 70°C (-4 ~ 158°F)

##### Humidity

- Relative humidity 5 ~ 90%, non-condensing

##### Form Factor

- 33.86cm (L) x 12.64cm (H) (13.330" (L) x 4.976" (H))  
PICMG 1.3 compliant

##### Power Requirements

- One ATX 4 pin 12V connector for CPU power

**Compatible with all Windows including Vista, Windows NT, LINUX and QNX**

**Warranty:** 3 years