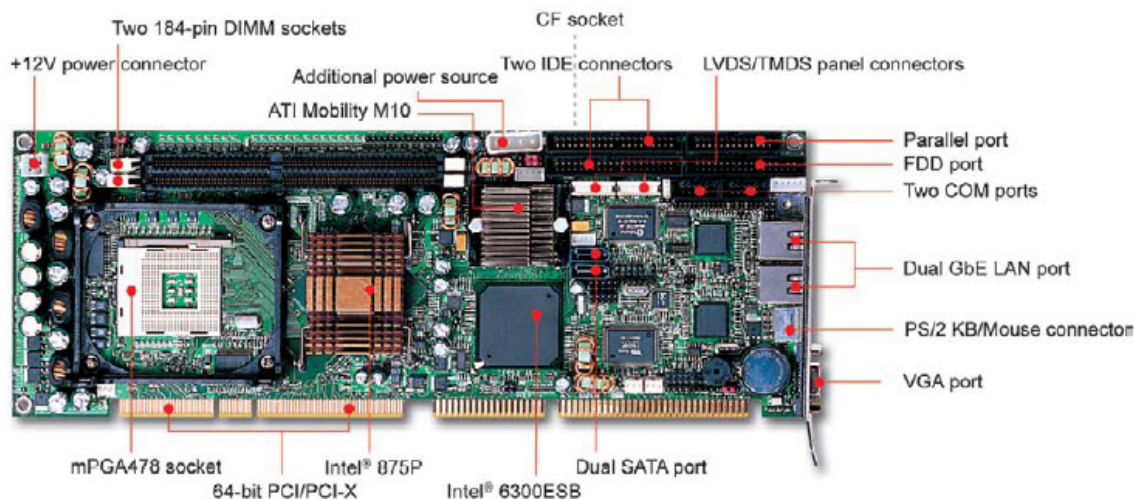


RainbowRay

Pentium® 4 or Celeron® D 64-bit SBC w/Dual Gigabit LAN



Ordering Information

RainbowRAY-VG2A

Socket 478 Pentium® 4 or Celeron® (D) processor based PICMG SBC w/ DDR 400 SDRAM, M10 W/64MB via AGP 8X, Gigabit Ethernet and audio

Options

Multimedia kit for P4 SBC w/audio, TV-out, USB ports. TMDS adapter cable for DVI interface flat panel, and adapter cable for hard drive type power connector to SATA power connector (Call your local sales contact for availability)

Specifications

Microprocessor

- Intel® Pentium® 4 or Celeron® (D) processor in the MPGA478 package
- FSB: 800/533/400MHz

Chipset

- Intel® 875P and 6300ESB

System Memory

- Up to 2GB dual channel DDR 400/333/266 SDRAM on two 184-pin DIMM sockets
- ECC support

BIOS

- Award BIOS

Display

- ATI Mobility M6 graphics controller
 - 64MB display memory
 - TMDS & LVDS interfaces support
 - Dual View support
 - TV out

Ethernet

- Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet port
- Gigabit Ethernet connected to CSA and PCI interfaces
- Dual RJ-45 connector with two LED indicators on bracket

Audio

- AC'97 2.2 Audio

ISA Bus

- 64 mA high driving ISA bus interface to backplane

EIDE

- Support four EIDE devices with Ultra DMA 100/66/33

Solid State Disk

- One Type II CF socket
- One secondary EIDE channel
- Bootable for no drive on primary channel

I/O

- Support two SATA 150 drives
- Two serial (selectable RS-232/RS-232/422/485x1) one parallel, one IrDA, and four USB 2.0 ports
- 8 high driving GPIO (programmable GPI or GPO)
- One 6-pin min-DIN connector for keyboard & mouse
- One 5-pin header for external keyboard connection

ACPI

- ATX function with 4-pin header connector to backplane
- Modem-Ring-On and Wake-On-LAN

Hardware Monitoring

- System monitor (fan, temperature, voltage)

Watchdog Timer

- Software programmable from 0.5 sec. to 254.5 min

Power Requirements

- Typical: (+5V/6.0A) (+12V(CPU)/5.7A) (+12V (system)/0.8 A)

Operating Environments

- Operating temperatures: 0°C to 55°C
- Storage temperatures: -20°C to 80°C
- Relative humidity: 5% to 90% (non-condensing)

Dimensions

- 338.5mm(L) x 122mm(W)

Certification

- CE approval
- FCC Class A

For Further Information Email: sales@ibus.com