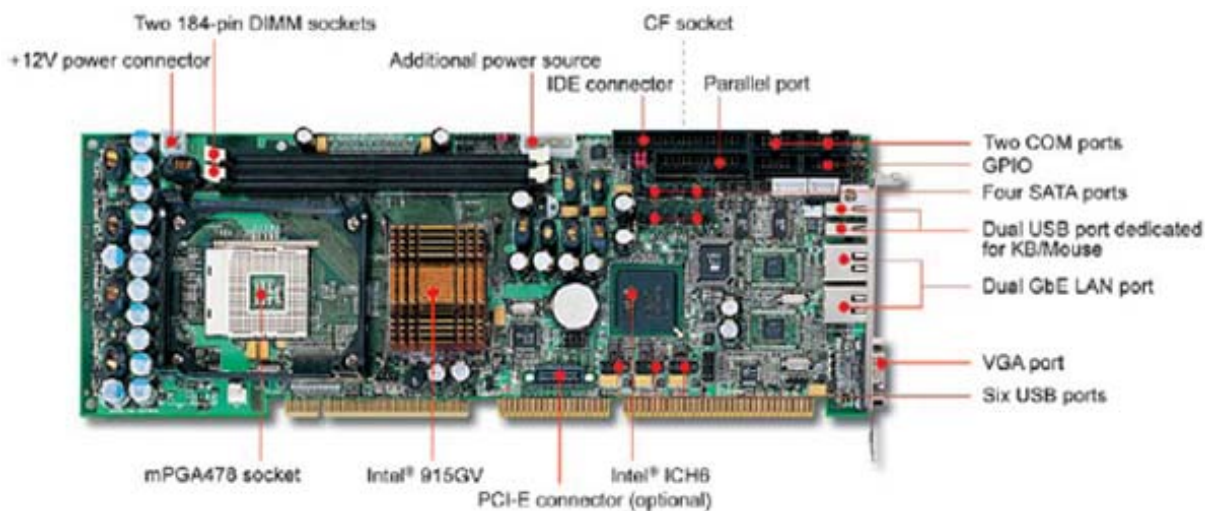


# ZebraRay

## Pentium® 4 or Celeron® D SBC w/Dual Gigabit Ethernet



### Ordering Information

#### ZebraRAY-VG2A

Socket 478 Pentium® 4 or Celeron® D processor based PICMG SBC with DDR SDRAM, VGA, dual Gigabit Ethernet audio and USB 2.0

#### ZebraRAY-UG2A

Socket MPGA479M Pentium® M or Celeron® M processor based PICMG SBC with DDR2 533 SDRAM, M2w/32MB via PCI-Ex16 VGA, dual Gigabit Ethernet and Audio

#### Options

Multimedia kit w/audio, TV-out, USB ports, and PS/2 keyboard/mouse connectors on bracket (Call your local sales contact for availability)

### Specifications

#### Microprocessor

- Intel® Pentium® 4 or Celeron® D processor in the mPGA 478 package
- FSB: 800/533MHz

#### Chipset

- Intel® 915GV and ICH6

#### System Memory

- Up to 2GB DDR2 400/333 SDRAM on two 240-pin DIMM sockets

#### BIOS

- Award BIOS

#### Display

- GMCH integrated Intel® Graphics Media Accelerator 900 (Intel® GMA 900)
- Dynamic share system memory up to 224MB (Intel® DVMT 3.0) or static share system memory up to 128MB
- Display resolution up to 2048x1536 @ 85Hz refresh
- Provide incredible visual quality, smooth video playback, and support for key 3D features

#### Ethernet

- 10BASE-T/100BASE-TX/1000BASE-T Ethernet
- PCI Express x1 interface based Gigabit Ethernet
- Dual RJ-45 connector with two LED indicators

#### Audio

- AC'97 2.3 Audio

#### EIDE

- Support two 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 (RS-232x1, selectable RS-232/422/485x1) & one IrDA 1.0
- Eight USB 2.0 ports (Two ports on bracket for keyboard & Mouse)
- 8-bit GPIO (4 GPI, 4 GPO)

#### ACPI

- ATX function with 4-pin header connect 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

- TBA

#### Operating Environments

- Operating temperatures: 0°C to 50°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](mailto:sales@ibus.com)