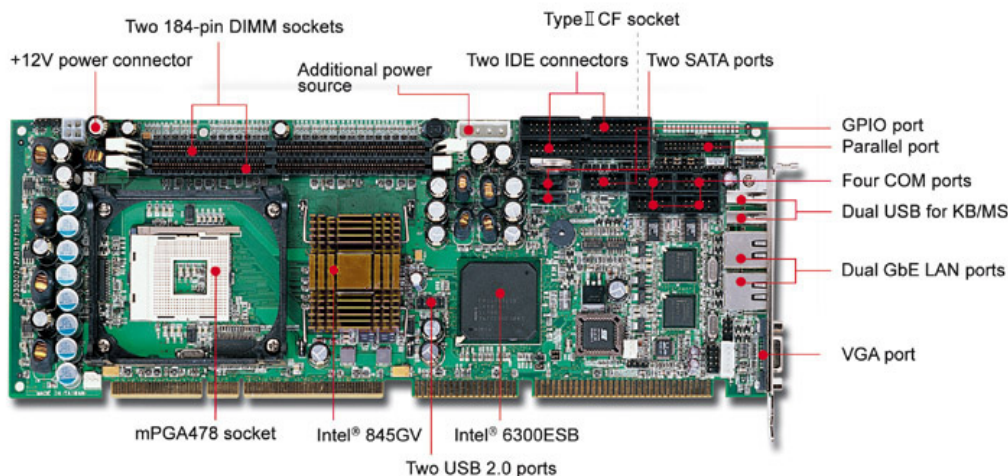


SilverRay

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



Ordering Information

SilverRAY-VG2A

Socket 478 Pentium® 4 or Celeron® D processor based PICMG 64-bit SBC with DDR, VGA, dual Gigabit Ethernet, audio and USB 2.0

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

Chipset

- Intel® 845GV and 6300ESB

System Memory

- Up to 2GB DDR 400*/333/266 SDRAM on two 184-pin DIMM sockets

BIOS

- Award BIOS

Display

- Intel® GMCH integrated graphics controller
- Dynamic 8 ~ 64MB shared display memory (Intel® DVM T)
- Display resolution up to 2048x1536 @ 60Hz refresh
- Superior 2D, 3D and video performance

Ethernet

- 10BASE-T/100BASE-TX/1000BASE-T Ethernet
- IEEE 802.3u auto-negotiation
- Dual RJ-45 connector with two LED indicators

Audio

- AC'97 2.2 Audio

ISA Bus

- 64mA high driving ISA bus interface to backplane

(**) Represents to be 'over-clocking'

EIDE

- 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
- Four serial (RS-232x3, selectable RS-232/422/485x1) & one IrDA 1.0
- Four USB 2.0 ports (Two ports on bracket for keyboard & Mouse)
- 8 high driving GPIO (4 GPI, 4 GPO)

ACPI

- ATX function with 4-pin header connect to backplane
- Modem-Ring-On

Hardware Monitoring

- System monitor (fan, temperature, voltage)

Watchdog Timer

- Software programmable from 0.5 sec. to 254.5 min

Power Requirements

- Typical: (+5V/2.8A) (+12V(CPU)/6.3A) (+12V (system)/0.1A)

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