CHYANG FUN INDUSTRY CO., LTD.

CFI-S968L

Intel 845GE Socket 478 Self-defined Motherboard

CFI-S968L is a high-performance Intel Pentium 4 motherboard. The system core logic is based on Intel 82845GE Chipsets. It is integrated with Agere FW323-05 1394a controller and Realtek RTL8100B Ethernet controller.

SPECIFICATION

CPU:
- Support Intel Socket 478 Pentium 4 processor
- Support Intel Socket 478 Celeron processor
- 400/533MHz Intel NetBurst micro-architecture bus

Core Logic:
- Intel 82845GE + ICH4 chipsets

Main Memory:
- Two 184-pin DIMM sockets
- Support DDR200/266/333 SDRAM up to 2GB

VGA:
- Integrated Graphics controller in 845GE GMCH
- Support 3D/2D enhancements
- 845GE can access graphics data located in system memory at 2.2 GB/s (DDR266) or 2.7 GB/s (DDR333)
- Support extend AGP4X slot

Audio:
- AC-Link with AC'97 2.2 compliant
- Software audio with Realtek ALC650 Rev. E 6-channel AC'97 codec, S/PDIF input/output supported

USB 2.0:
- Integrated USB 2.0 controller in ICH4
- Compliant with USB 2.0 specification
- Support Hi-speed, Full-speed and Low-speed data transfer rate. Max. Bandwidth 480Mbits/s

Ethernet:
- Realtek RTL8100B 10/100Base-T Ethernet controller
- Full-Duplex supported, WFM 2.0 compliant

1394:
- Agere FW323-05 1394a Host controller
- Compliant with IEEE 1394 OHCI Specification rev. 1.1
- Data transfer rate can be 100/200/400Mbps

I/O Interface:
- Winbond W83627HF LPC controller
- Two enhanced PCI IDE channels which support up to 4 IDE devices with ATA-100 transfers up to 100MB/sec
- Build in FDC supports 1.2M/1.44M/2.88M FDD

Back Panel I/O Output:
- SPDIF-OUT optical connector
- Two Type A USB connectors, one RJ-45 LAN port
- Two 1394 vertical connectors
- 1 fast serial ports, 1 D-type 15-pin VGA connector
- Line-in, MIC-in, Line-out
- PS/2 mouse and keyboard connectors

System BIOS:
- Award BIOS with 2MB/4MB EEPROM
- ACPI/PnP supported

Expansion Slots:
- 1 PCI slot, 1 AGP4X slot

Form Factor:
- Self-defined @ 262 mm (L) $\times$ 180 mm (W), 6 Layers

Front Panel I/O Output Board:
- Double desk USB connectors
- One 1394 connector
- SPDIF-IN optical connector
- Center/Bass, Rear-out, Line-out, MIC-in
- Board size @ 27 mm (L) x 135 mm (W)

ADD Card (Optional accessory):
- Chrontel CH7010 DVI Transmitter + TV Encoder ADD card
- TV-out supporting up to 1024x768 graphics resolutions
- One S-out, one Composite and one DVI connector on the Bracket