

SAGP-648E

PIAGP Socket-478 Based CPU board with AGP 8X, Serial-ATA, USB2.0 & 1394



CF-513
Copper base high performance cooling fan (Ordered separately)

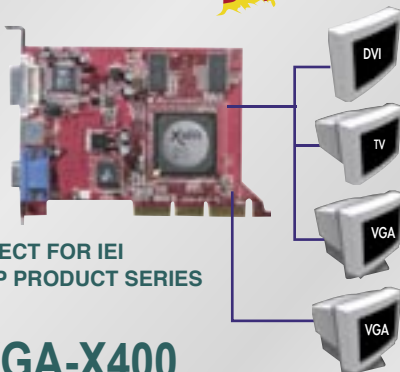


CF-512
High performance cooling fan (Ordered separately)



Serial-ATA Cable sets

Supports Dual Display



PERFECT FOR IEI PIAGP PRODUCT SERIES

AVGA-X400

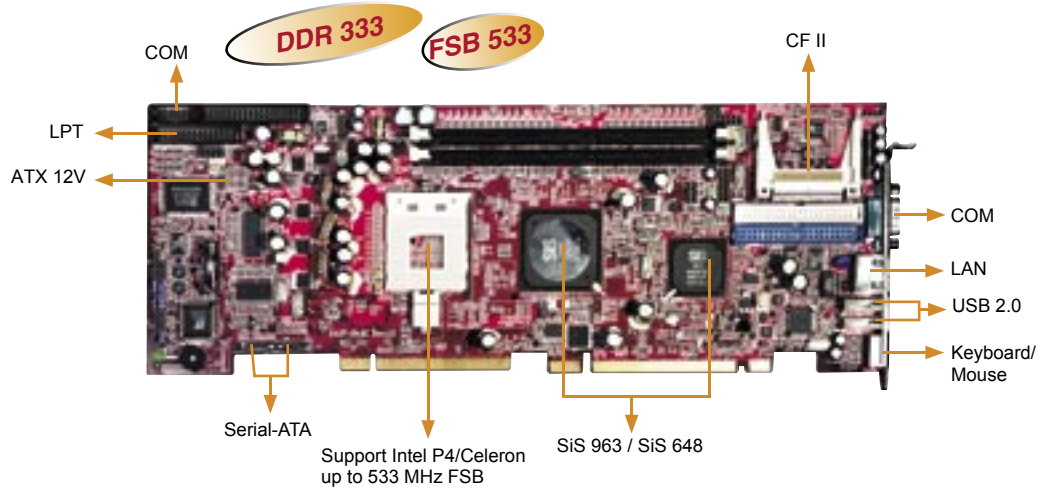
SPECIFICATIONS

- ◆ Chip: SiS Xabre400 + SiS 301
- ◆ V-RAM: On board 64 MB DDR SDRAM
- ◆ Resolution: MAX. 2048x1536, 32bit for CRT display
- ◆ Support AGP 8X bus to enhance graphics performance
- ◆ I/O Connector:
 - Support CRT display: 1 x 15 pin D-SUB15VGA Connector, 1 x by pin-header
 - Support DVI interface
- ◆ Dual Display: Supports VGA & VGA or VGA & TV-Out or VGA & LCD

ORDERING INFORMATION

- AVGA-X400 : Xabre400 on board 64MB DDR SDRAM with DVI Dual display function

Note: It is recommended to use AGP 2X with the SAGP-815EV single board computer.



SPECIFICATIONS



IEEE-1394



AGP8X

USB 2.0

- ◆ CPU: Socket-478 base support Intel Pentium 4/ Celeron up to 533MHz FSB
- ◆ System chipset: SiS648 + SiS963
- ◆ System memory: 2 x DDR266/333 SDRAM socket up to 2GB
- ◆ Support AGP 4X/ 8X interface (Add-on AGP card required)
- ◆ SSD: One Compact Flash Type II socket
- ◆ Audio: AC 97 Codec, 6W Amplifier(support line-in, line-out, mic-in, speak-out)
- ◆ Ethernet: On-Chip SiS900, 1 x 10/100Mbps Ethernet with RJ-45 onboard
- ◆ I/O:
 - 2 x RS-232 serial port
 - 1 x PS/2 connector for keyboard/mouse
 - 1 x LPT parallel port supports SPP/ ECP/ EPP Mode
 - 4 x USB 2.0
 - 2 x ATA-133 IDE channel supports CD-ROM, ZIP, and LS-120 drive bootable
 - 2 x Serial-ATA, equipped with 2 Serial-ATA cable set
 - 1 x FDD connector
- ◆ IEEE-1394: 2 x IEEE-1394a 400Mbps port onboard (RTL8801)
- ◆ WDT: Software programmable supports 1 ~ 255 sec system reset
- ◆ Hardware Monitoring : Provides CPU Vcore, Vcc, CPU/ system fan speed and temperature detecting function
- ◆ Digital I/O: TTL Level 4-Input; 4-Output
- ◆ Power control function: Meets ACPI 1.1 specification
- ◆ Power Consumption: 5V@7.3A, -12V@60mA, 12V@4.8A(P4 2.4G/DDR333)
- ◆ Operation Temperature: 0~60°C
- ◆ Relative Humidity: 5~95%, non-condensing

ORDERING INFORMATION

- **SAGP-648E** PIAGP socket-478 base CPU Board with AGP 8X, Serial-ATA, USB2.0 & 1394
- **AVGA-X400** SiS Xabre 400 with on board 64MB DDR SDRAM 8X AGP card
- **CF-512** CPU cooling fan support P4 CPU up to 2.5GHz
- **CF-513** CPU cooling fan support P4 CPU up to 3.06GHz
- **LPISA-KIT01** LPC-to-ISA Bridge Module