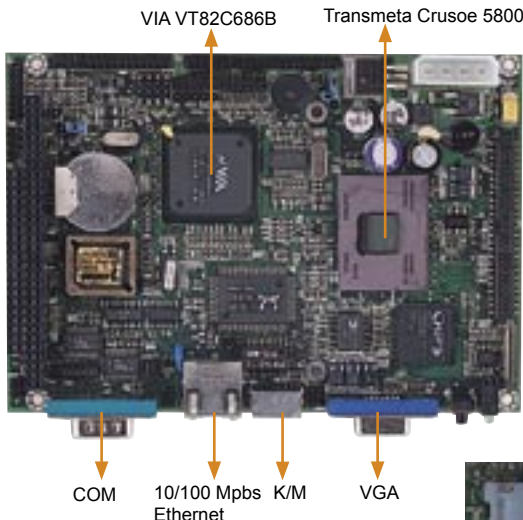


WAFER-6820

3.5" TM5800/733MHz CPU Board with 128MB SDRAM, LCD/ CRT VGA, LAN & Audio



Fanless

Rear Side



CF Type II Socket

Feature

- Embedded Transmeta Crusoe CPU support up to 800MHz
- CRT/LCD integrated in Asilliant 69000, support 36-bit TTL LCD
- 1x PC133 SDRAM SO-DIMM support up to 512MB
- Support PC/104 expansion slot
- CFII, LAN, USB, Audio integrated

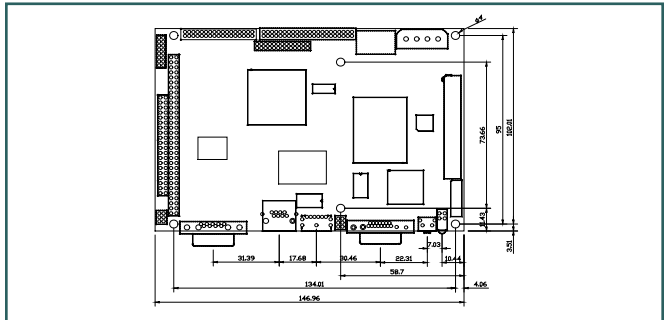
Specifications

CPU	Transmeta Crusoe Processor Model TM5800 733MHz/800MHz
South Bridge Chipset	VT82C686B
System Memory	One 144-pin SO-DIMM Socket (128MB SDRAM Attached)
Display	<ul style="list-style-type: none"> - 69000 LCD/CRT VGA - BUS: PCI - V-RAM: 2MB RAM on CHIP - Resolution: 1280X1024 (256 colors) for CRT display - Connector: DB-15 for CRT display 50-pin pin-header for 36-bit LCD panel
Ethernet	Realtek RTL8100B 10/100Mbps Ethernet chip with RJ-45 connector
SSD	One Compact Flash Type II socket (rear side)
WDT	Software programmable, support 1~ 255 sec. system reset
I/O	<ul style="list-style-type: none"> - 1 x RS-232 port - 1 x RS-232/422/485 selectable port - 1 x Parallel port (support SPP/EPP/ECP mode) - 2 x USB 1.1 (pin header) - 1 x IrDA port - 1 x FDD port - 1 x ATA-66 IDE channel (44-pin header) (optional 44 to 40 connector) CB-HD32
Audio	AC'97 compliant Audio CODEC
Expansion	One PC/104 expansion connector for add-on modules
Power Consumption	+5V@1.7A (with 128MB SDRAM)
Operating Temperature	0~60°C
Relative Humidity	5~95%, non-condensing
GW	700g

Ordering Information

- **WAFER-6820-733-R3/SDM-128SD-100-A**
3.5" TM5800/733MHz CPU Board with 128MB SDRAM, LCD/ CRT VGA, LAN & Audio, R3
For Transmeta TM5800, 800MHz CPU please contact supplier

Dimensions



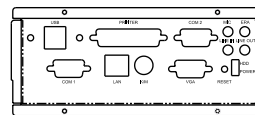
Customized-I/O solution for compact size and flexible!!



Wall mount kits

EBC-1000

Industrial 3.5" Embedded Chassis



BK-6820 for WAFER-6820

Specifications

- ◆ Designed to Wall-mount application
- ◆ Designed to IEI 3.5"WAFER series SBC
- ◆ Drive Bays: One 2.5" Internal HDD Drive Bay
- ◆ Standard equipped with Power Supply
ACE-890A 90W AC Input AT Power Supply
- ◆ Optional Power Supply:
ACE-890AP AC Input AT Power Supply with PFC Function
ACE-890V 12V DC Input AT Power Supply
ACE-890C 24V DC Input AT Power Supply
ACE-890T 48V DC Input AT Power Supply
ACE-890P 100V DC Input AT Power Supply
- ◆ Operating temperature: 0~50°C
- ◆ Vibration: 5~17Hz, 0.1"double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: Dark Blue (PANTONE 433C)
- ◆ Dimension: 172mm(W)x 116mm(H)x 129mm(D)

Ordering Information

- **EBC-1000/ACE-890A**
Industrial 3.5" Embedded Chassis with 90W AT Power supply
Without I/O Bracket
- **BK-6820**
WAFER-6820 I/O Bracket and Cable set

Single Board Computer

PIAGP Series
PICMG
Half-Size
Industrial Motherboard
5.25" NOVA
EPIC NANO
3.5" WAFER
ETX
PC/104
Add-on Card
IVC Card
Backplane

LCD Product Series

Chassis

Power supply

Peripheral