

# WAFER-6820

3.5" Transmeta Crusoe TM3200/5400/5800

Embedded Board

**Long Run Solution**

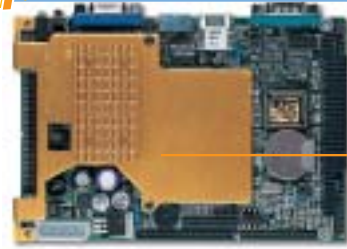


Rear View



CF Type II Socket

**Low Power  
No Fan**



Best Heat Sink Design

## ORDERING INFORMATION

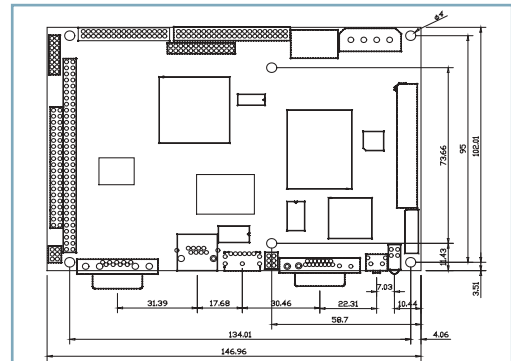
**WAFER-6820-400/SDM-128SD-100-A**  
TM3200/400MHz Embedded Board with 128MB SDRAM

**WAFER-6820-600/SDM-128SD-100-A**  
TM5400/600MHz Embedded Board with 128MB SDRAM

**NEW**

**WAFER-6820-733/SDM-128SD-100-A**  
TM5800/733MHz Embedded Board with 128MB SDRAM

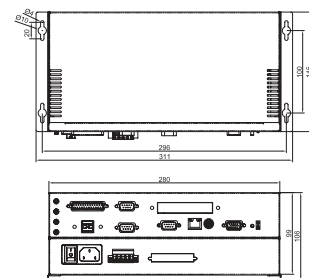
## Dimensions:



## EB-1810 Embedded Chassis for Wafer-6820

- Supports one PC/104 module space
- Equipped with ACE-855A PSU
- Optional ACE-855/890 series PSU
- Supports two 2.5" drive bay
- One cooling fan

## Dimensions:



## SPECIFICATIONS

- CPU : Transmeta Crusoe™ Processor Model TM3200 400MHz, TM5400 600MHz, TM5800 733 MHz
- South Bridge Chipset : VT82C686B
- System Memory : One 144-pin SO-DIMM Socket (128MB SDRAM Attached)
- Display :
  - CHIPS® 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 RTL8139C 10/100Mbps Ethernet chip with RJ-45 connector
- SSD : One Compact Flash™ Type II socket (rear side)
- Audio : AC'97 compliant Audio CODEC
- I/O :
  - 1 x RS-232 port
  - 1 x RS-232/422/485 selectable port with Auto-Direction RS-485 function
  - 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
- WDT: Software programmable, support 1~ 255 sec. system reset
- 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