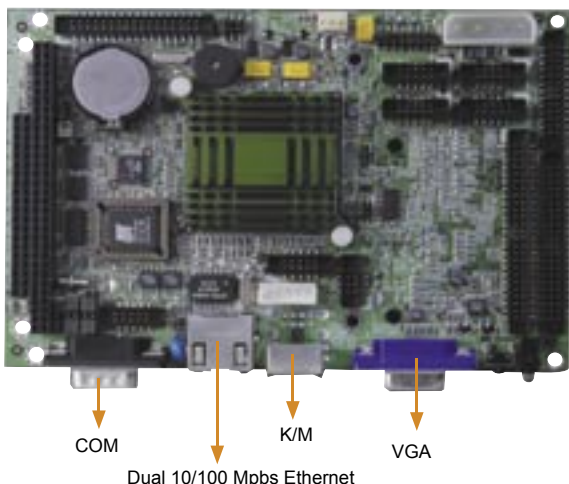
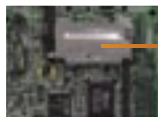


# WAFER-4826

3.5" STPC Atlas 133MHz CPU Board with 32MB DRAM, LCD/ CRT VGA, LAN



Rear Side



Compact Flash™ II

**Fanless**

**Memory on board**

**+5V Only**

## Specifications

<b>CPU</b>	Embedded STPC ATLAS 5x86 133MHz FSB base CPU
<b>System Memory</b>	On board 32MB with 1 x SO-DIMM Socket support up to 128MB SDRAM
<b>Display</b>	Chipset integrated - 1 x DB-15 for VGA display - 1 x 50-pin header for LCD connector (optional)
<b>SSD</b>	1 x Compact Flash™ Type II socket
<b>Ethernet</b>	Single 10/100Mbps Realtek 8100BL Fast Ethernet controller
<b>I/O</b>	- 3 x RS-232 by pin header - 1 x RS-232/422/485 - 1 x LPT by pin header (supports SPP/EPP/ECP mode) - 2 x USB 1.1 - 1 x PS/2 for Keyboard/Mouse - 1 x IDE by pin header (44-pin with 2.0mm pitch) - 1 x Floppy by pin header (26-pin with 2.0mm pitch) - 1 x IrDA
<b>WDT</b>	Software programmable supports 1 ~ 255 sec, system reset
<b>E*Key™</b>	Support
<b>Digital I/O</b>	TTL Level 4 input & 4 output
<b>Expansion Slot</b>	One PC/104 expansion connector for add-on modules
<b>Power Supply Input</b>	4-pin power housing (5V only, 5.25" Drive Connector)
<b>Power Consumption</b>	+5V@2.6A(STPC Atlas with on board 32MB SDRAM)
<b>Operation Temperature</b>	0~60°C
<b>Relative Humidity</b>	5~95%, non-condensing
<b>GW</b>	700g

## Ordering Information

### ● WAFER-4826EV-32M

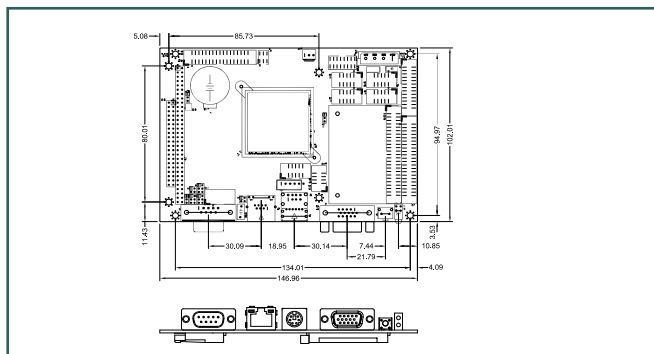
3.5" STPC Atlas 133MHz CPU Board with 32MB DRAM, LCD/ CRT VGA, LAN

Note:  
LCD display support please contact supplier

## Feature

- Embedded STPC ATLAS CPU for Fanless system support
- CRT/LCD display integrated in STPC
- 1x PC133 SDRAM SO-DIMM up to 128MB, on board Memory 32M support
- Support PC/104 extension slot
- CFII, LAN, USB, Multi-COM integrated

## Dimensions

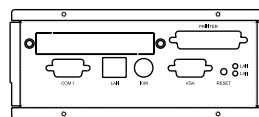


*Customized-I/O solution for compact size and flexible!!*



**EBC-1000**  
Industrial 3.5" Embedded Chassis

Wall mount kits



BK-5821 for WAFER-4821/4823/4826

## 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-4821

WAFER-4821/4823/4826 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