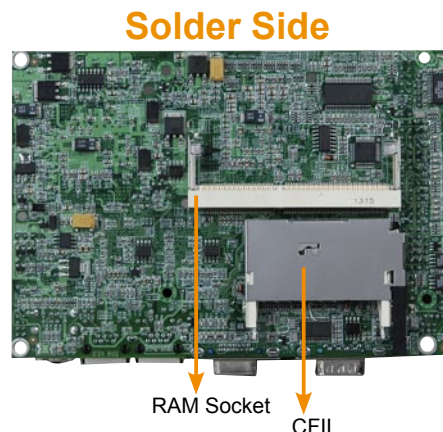
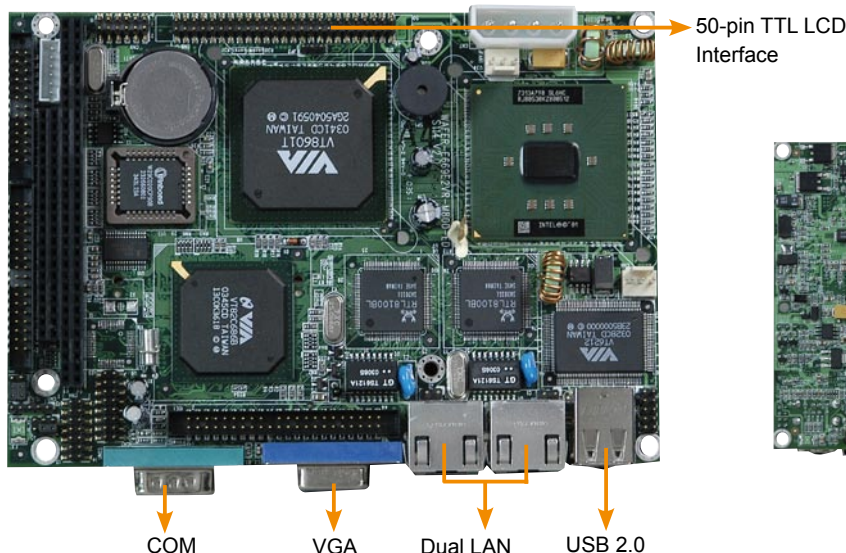


# WAFER-C400E2VN(R)-RS

3.5" SBC with ULV Intel® Celeron® 400MHz CPU board with LCD/ CRT, VGA, Dual LAN, USB 2.0 & Audio



## Feature

1. Embedded ULV Intel® Celeron® 400 MHz CPU for fanless system support
2. CRT/LCD integrated in VT8601, support 24-bit TTL LCD
3. 1 x PC133 SDRAM SO-DIMM support up to 512MB
4. Support PC/104 extension slot
5. CFII, Dual LAN, USB2.0, Audio integrated

## Specification



- ◆ **CPU**  
Embedded Ultra Low Voltage Intel® Celeron® 400MHz
- ◆ **System Chipset**  
VIA VT8601T + VT82C686B
- ◆ **BIOS**  
AWARD
- ◆ **System Memory**  
1 x 144-pin SO-DIMM socket up to 512MB
- ◆ **Ethernet**  
Dual 10/100Mbps Intel® 82551 Fast Ethernet controller (WAFAER-C400E2VN)  
Dual 10/100Mbps Realtek 8100BL Fast Ethernet controller (WAFAER-C400E2VR)
- ◆ **I/O**
  - I/O Interface**
    - 1 x RS-232, 1 x RS-232/422/485
    - 1 x LPT parallel port by pin-header (Supports SPP/EPP/ECP mode)
    - 1 x IrDA (SIR mode)
    - 2 x USB 2.0
    - 1 x ATA / 100 IDE channel
    - 1 x PS/2 for Keyboard/Mouse
    - 1 x FDD connector, support 1.44 / 2.88 and 3-mode floppy drive
    - 1x onboard Compact Flash™ Type II socket
- ◆ **Audio**  
AC'97 compliant Audio Codec
- ◆ **Display**
  - VT8601T Chipset Integrated
  - AGP 4X bus
  - Resolution support up to 1600x1200 for CRT with DB-15 connector
  - 24-bit TTL LCD interface with 50-pin header
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. system reset
- ◆ **Power Supply**  
ATX power
- ◆ **Power Consumption**  
+5V@3A, +12V@100mA (256MB SDRAM)
- ◆ **Temperature**  
Operation: 0° to 60°C
- ◆ **Humidity**  
Operation: 5% to 95%, non-condensing
- ◆ **Dimension**  
146x102 mm
- ◆ **Weight**  
GW: 700g

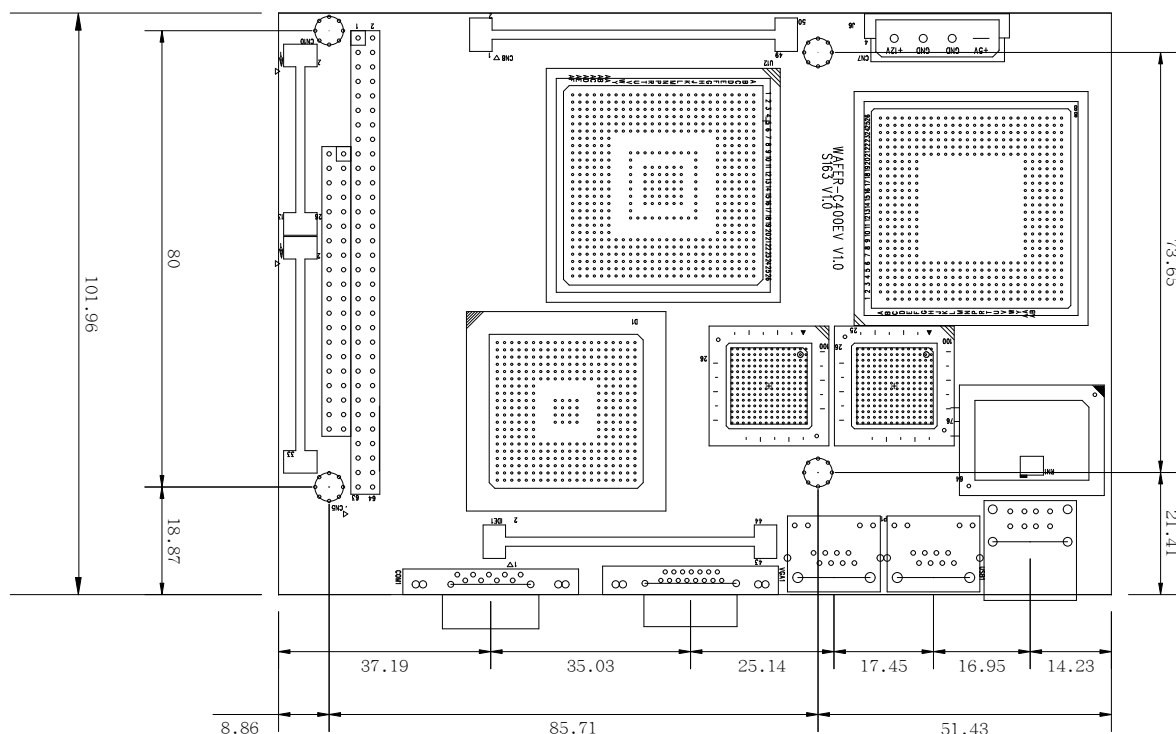
### Expansion Slot

One PC/104 expansion connector for add-on modules

## RoHS Compliance

IEI is committed to compliance with all applicable laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) in electrical and electronic products. The goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. With IEI's new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

## Dimension



## Packing List

1 x WAFER-C400 single board computer	1 x Audio cable (P/N: 32000-000147-RS)
1 x IDE flat cable 44p/40p/40p (P/N: 32200-008800-RS)	1 x RS422/485 cable (P/N: 32200-000061-RS)
1 x FDD cable (P/N:32200-000058-RS)	1 x Mini jumper pack
1 x KB/MB cable (P/N: 32000-023800-RS)	1 x Utility CD
1 x LPT cable (P/N: 32200-015100-RS)	1 x QIG (quick installation guide)

## Ordering Information

Part No.	Description
<b>WAFER-C400E2VN-RS-R20</b>	3.5" ULV Intel® 400MHz CPU Board with LCD/ CRT VGA, dual Intel® LAN, USB 2.0 and Audio
<b>WAFER-C400E2VR-RS-R20</b>	3.5" ULV Intel® 400MHz CPU Board with LCD/ CRT VGA, dual Realtek LAN, USB 2.0 and Audio

Note: For ULV Intel® Celeron® 650MHz/P3-M 800MHz CPU supports, please contact supplier.



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