

# WAFER-C400E2VN(R)-RS-R20

3.5" SBC with ULV Intel® Celeron® 400MHz CPU with VGA/ TTL, Dual LAN, USB 2.0 and Audio

1  
Application  
Server  
Platform

2  
Single  
Board  
Computer

3  
IBX Series  
POS PC

4  
AFOLLUX  
POS  
Panel PC

5  
Video  
Capture  
Card

6  
KAMIO  
RISC

7  
IOVU  
Open HMI

8  
VITO  
Universal  
Controller

9  
DINO  
BLADE

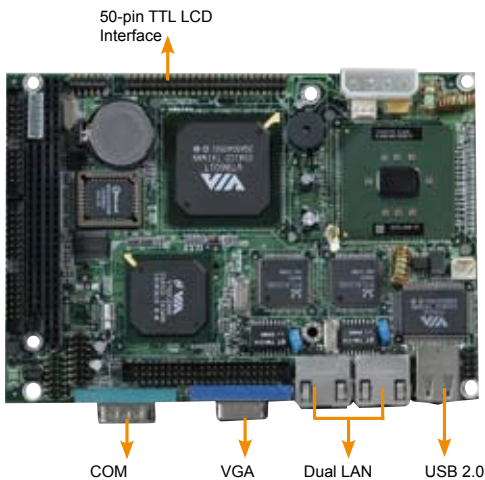
10  
LCD  
Product  
Series

11  
Embedded  
System

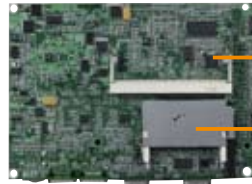
12  
Industrial  
Computer  
Chassis

13  
Power  
Supply

14  
Peripherals



## Solder Side



## Specifications

- ◆ CPU  
On board Intel® ULV Celeron® 400MHz processor
- ◆ System Chipsets  
VIA® VT8601T + VT82C686B
- ◆ BIOS  
AWARD BIOS
- ◆ System Memory  
One 144-pin PC133/100 SDRAM SO-DIMM supported (system max. 512MB)
- ◆ Ethernet  
Dual Intel® 82551 Ethernet chipsets (WAFER-C400E2VN)  
Dual Realtek 8100BLEthernet chipsets (WAFER-C400E2VR)
- ◆ I/O Interface  
1 x RS-232  
1 x RS-232/422/485  
1 x LPT  
1 x Infrared Interface  
2 x USB 2.0  
1 x IDE  
1 x PS/2 for KB/MS  
1 x FDD  
1 x CF Type II
- ◆ Expansions  
1 x PC/104
- ◆ Audio  
AC'97 Codec Realtek ALC655
- ◆ Display Interface  
VGA integrated in VT8601T  
24-bit TTL
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply  
ATX power
- ◆ Power Consumption  
5V@3A, 12V@100mA (256MB SDRAM)
- ◆ Temperature  
Operating: 0° to 60°C
- ◆ Humidity  
Operating: 5% to 95%, non-condensing
- ◆ Dimensions  
146 mm x 102 mm
- ◆ Weight  
GW: 700 g; NW: 230 g

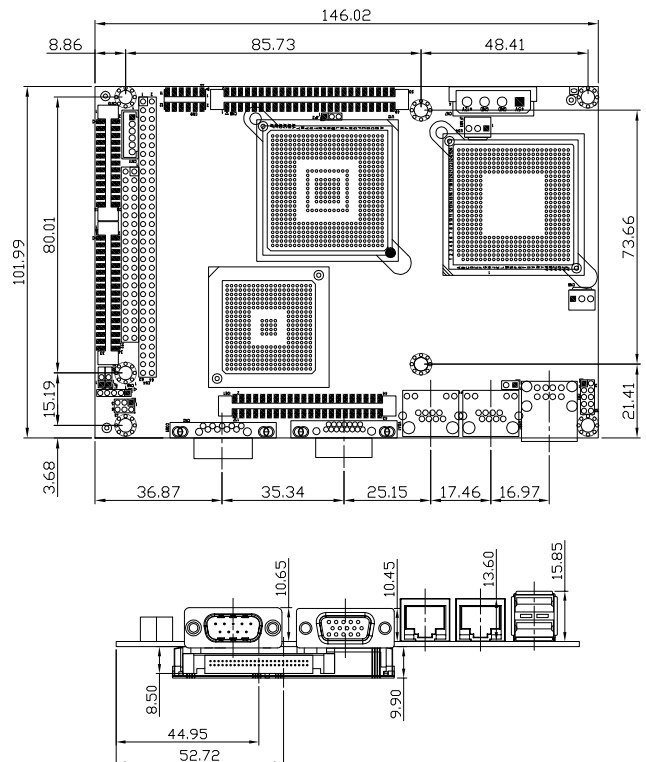
## Packing List

1 x WAFER-C400 Single Board Computer
1 x IDE Flat Cable 44p/40p/40p (P/N: 32200-008800-RS)
1 x FDD Cable (P/N: 32200-000058-RS)
1 x KB/MB Y Cable (P/N: 32000-023800-RS)
1 x LPT Cable (P/N: 32200-015100-RS)
1 x Audio Cable (P/N: 32000-000147-RS)
1 x RS-422/485 Cable (P/N: 32200-000061-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Features

1. Embedded ULV Intel® Celeron® 400MHz CPU for fanless system support
2. VGA integrated in VT8601T, support 24-bit TTL
3. One PC133 SDRAM SO-DIMM supports up to 512MB
4. Support PC/104 Expansions slot
5. CF Type II, Dual LAN, USB 2.0 and Audio integrated

## Dimensions (mm)



## Ordering Information

Part No.	Description
WAFER-C400E2VN-RS-R20	3.5" ULV Intel® 400MHz CPU Board with VGA/ TTL, Dual Intel® LAN, USB 2.0 and Audio
WAFER-C400E2VR-RS-R20	3.5" ULV Intel® 400MHz CPU Board with VGA/ TTL, Dual Realtek LAN, USB 2.0 and Audio

Note: For ULV Intel® Celeron® 650MHz/ Pentium® III 800MHz CPUs support, please contact supplier.