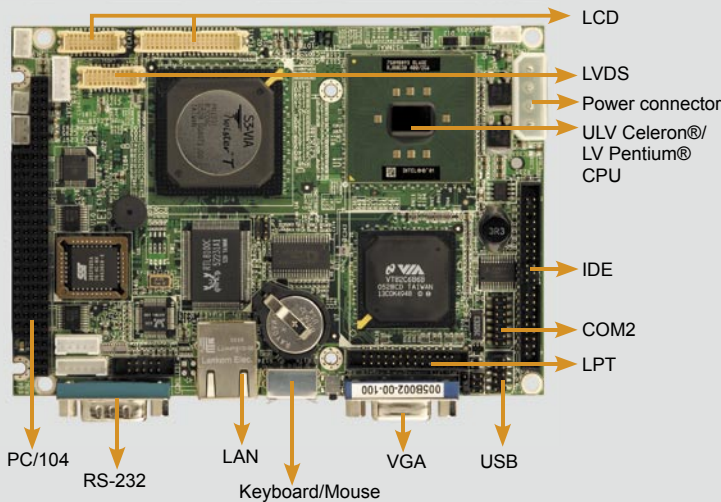


WAFER-9371A

Easy Maintenance,
Space Saving, Never Fan failure !

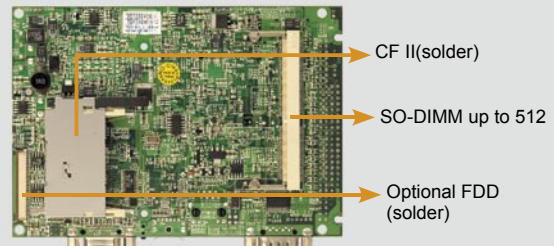


3.5" ULV Intel® Celeron® SBC with Onboard CPU, Audio, VGA/LCD and LAN



Feature

1. RoHS compliance
2. Embedded Intel® Ultra Low Voltage Celeron® Processor
3. Fanless solution
4. Dual channel LVDS interface
5. CF II, PC-104 extension slot



Rear Side



Specification

- ◆ **CPU**
 - ULV Intel® Celeron® 400MHz
 - ULV Intel® Celeron® 650MHz (optional)
 - LV Pentium® III 933MHz (optional)
- ◆ **2nd Cache Memory**
 - 256 KB for Celeron® / 512 KB for Pentium® III
- ◆ **System Chipset**
 - VIA VT8606 + VIA VT82C686B
- ◆ **BIOS**
 - AMI BIOS
- ◆ **System Memory**
 - 144-pin PC100/133 SO-DIMM SDRAM up to 512MB
- ◆ **Ethernet**
 - Chipset : Realtek 8100C
 - Speed : 10/100 Mbps
 - Standard : Supports Full Duplex Flow Control (IEEE 802.3x)
- ◆ **I/O**
 - ◆ **I/O Interface**
 - 2 x USB
 - 1 x EIDE
 - 1 x CF
 - 1 x FDD
 - 1 x KB/MS
 - 1 x RS-232
 - 1 x RS-232/422/485
 - 1 x LPT
 - ◆ **Audio**
 - AC'97 Codec
 - IrDA
 - 115kbps. IrDA 1.1 compliant
- ◆ **Display**
 - ◆ **Graphic Controller**
 - VIA VT8606 Twister chip with Integrated S3 Savage4, support CRT and LVDS display.
 - ◆ **Memory Size**
 - 8/16/32 MB frame buffer shared with system memory
 - ◆ **Resolution**
 - CRT : 1280 x 1024 @ 60Hz ; 1024 x 768 @ 85Hz
 - LCD : 1280 x 1024 @ 60Hz ; 1024 x 768 @ 60Hz
 - ◆ **LCD Interface**
 - AGPx4 VGA/LCD interface. Support 18, 24, 36bit TFT and 16 or 24bit DSTN panels up to SXGA quality.
 - ◆ **LVDS Interface**
 - Dual Channel (2 x 18-bit) LVDS interface
- ◆ **Watchdog Timer**
 - 1-62 sec ICP6629; Integrated in CPU temperature sensor, one header for system temperature. Input voltage +5V, +12 and 5VSB
- ◆ **Power Supply**
 - +5 V ± 5%
- ◆ **Power Consumption**
 - 5V@2.28A (Celeron® 400MHz with PC100/133 128MB RAM)
- ◆ **Temperature**
 - operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**
 - operation: 0% ~ 90% Relative Humidity
- ◆ **Dimension**
 - 145 mm x 102 mm (5.7" x 4")
- ◆ **Weight**

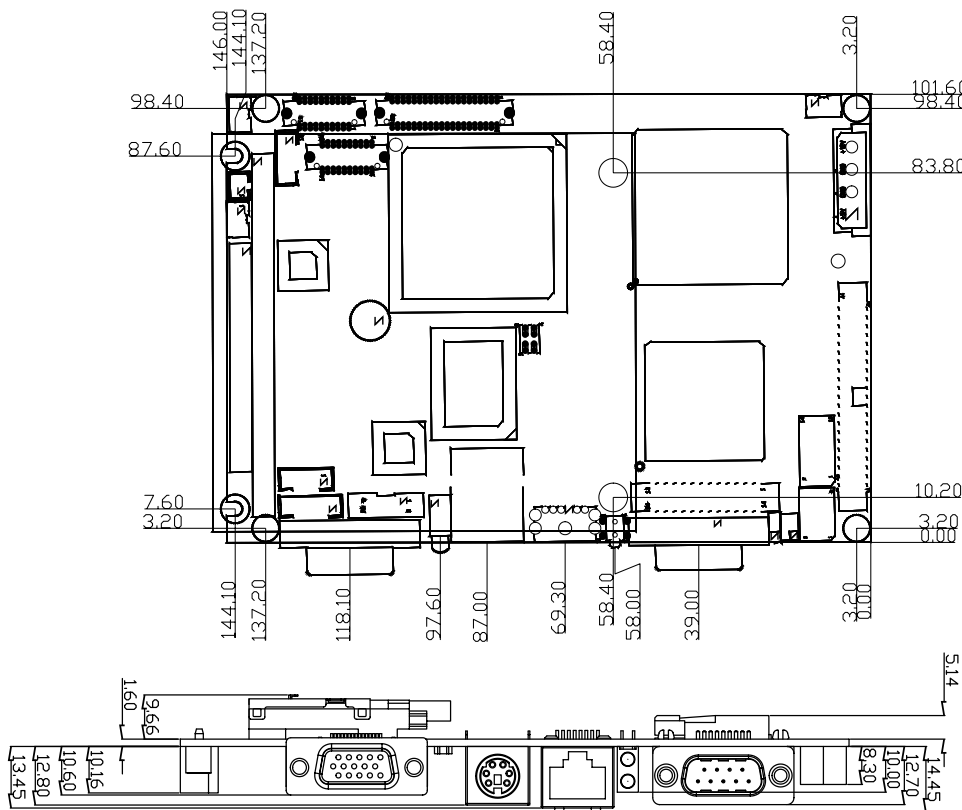
Ultra Low Voltage

The Ultra Low Voltage Intel® Celeron® processor has a typical power dissipation of 3.4 watts and a maximum power dissipation of 4.2 watts. The lower wattage enables the processor to decrease the overall thermal dissipation of the system so that it can operate under restricted heat and space constraints, including fan-less environments. Like all processors in Intel® embedded processor family, the Ultra Low Voltage Intel® Celeron® processor comes with extended product lifecycle support.

- Low Power Consumption
Fanless embedded system solution of high performance

Celeron® Regular	23.5W
Celeron® Low Voltage	11W
Celeron® Ultra Low Voltage	5W

- 32-KB non-blocking, level 1 (L1) cache.
Two Blocks of 16-KB L1 cache for instructions and data.
- 256-KB non-blocking integrated L2 cache.
Advanced Transfer Cache (ATC) has a high bandwidth 256-bit interface and CPU synchronous frequency enhanced by micro-architectural technology.



Ordering Information

Part No.	Description
WAFER-9371A	ULV Intel® Celeron® 3.5" SBC w/400 MHz CPU, VGA/LCD, LVDS, Ethernet, Audio

Optional	100 mm FDD cable
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Packing List

1 x WAFER-9371A	1 x Parallel port cable
1 x Mini Jumper Pack	1 x Audio cable
1 x IDE flat cable 44p/44p/40p	1 x USB cable
1 x Keyboard/ PS2 mouse cable	1 x QIG (quick installation guide)
1 x Serial port cable	1 x Utility CD

P/N: 32400-001100-RS



IEI Technology Corp.

TEL : 886-2-8691-6798 | FAX : 886-2-6616-0029
No.29, Jhongsing Rd., Sijhih City, Taipei County 221, Taiwan
<http://www.ieiworld.com> | mail: sales@iei.com.tw