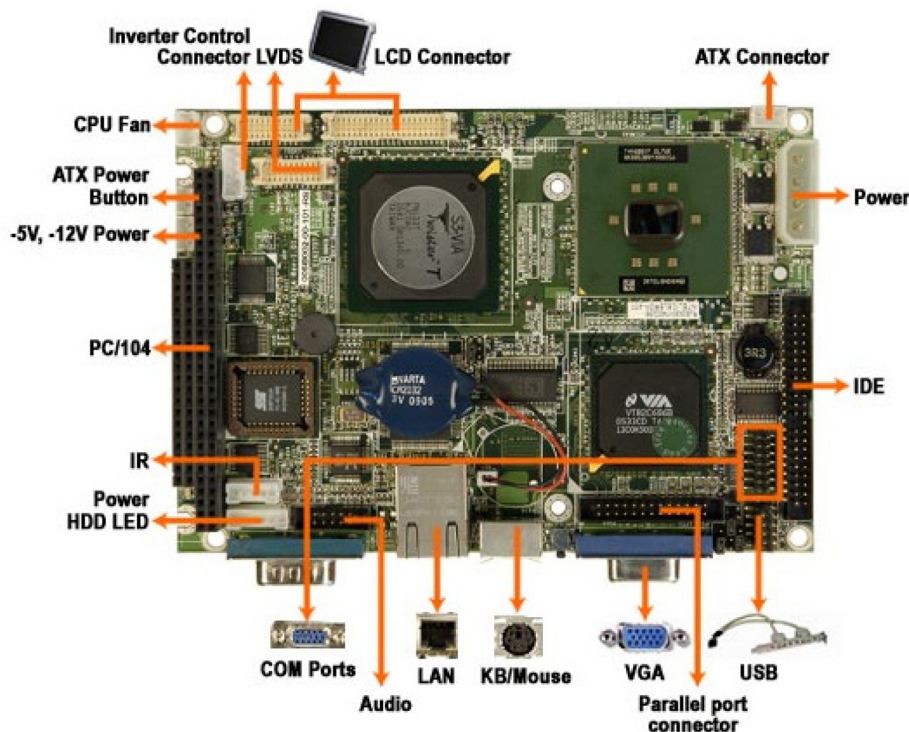


# VTC494296

Cool, Quiet and LCD Support  
Has Never Been Easier !

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



## 1. Cool and Quiet

On board ULV Intel® Celeron® 400 / 650MHz processor with heatsink

## 2. Complete and Easy LCD Support

- 36 bit TFT, 18-bit or 24-bit LCD panel, with up to 1024 x 768 resolution supported
- 2 channel LVDS interface supported

## 3. Diskless Booting

BIOS PXE feature supports Boot-on-LAN with ATX power supply

## 4. RoHS Compliance

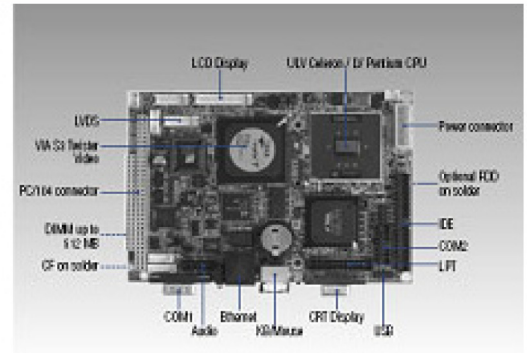
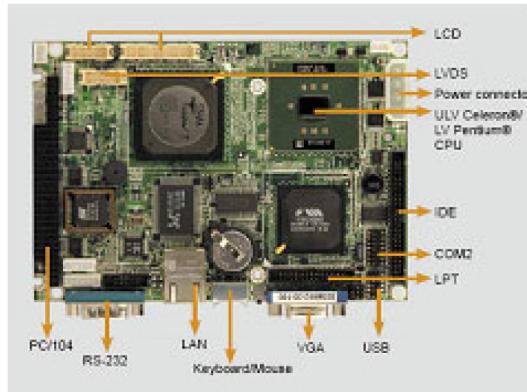
Meet the RoHS ready product, ready to spec in new long term projects now

RoHS ready now!

28% Power Saving !



Low Power



	Vox	A Brand
<b>Product</b>	VTC494296	PXX-9371
<b>Form Factor</b>	3.5" SBC	3.5" SBC
<b>CPU</b>	ULV Intel Celeron 400	ULV Intel Celeron 400
<b>NB</b>	VT8606T	VT8606T
<b>SB</b>	VT82C688B	VT82C688B
<b>Display</b>	CRT 36-bit TTL 2x18-bit LVDS	CRT 36-bit TTL 2x18-bit LVDS
<b>I/O Interface</b>	1x EIDE 1x FDD(optional) 1x K/B 1x M/S 1x RS-232/422/485 1x RS-232 1x LPT	1x EIDE 1x FDD(optional) 1x K/B 1x M/S 1x RS-232/422/485 1x RS-232 1x LPT
<b>RoHS</b>	<b>Available Now</b>	N/A
<b>Ethernet</b>	<b>10/100Mbps RTL8100C</b>	10/100Mbps RTL8100BL
<b>USB</b>	2x USB 1.1	2x USB 1.1
<b>Audio</b>	<b>ALC655 5.1CH</b>	ALC202A 2.1CH
<b>IrDA</b>	115kbps	115kbps
<b>WDT</b>	<b>1~255 sec</b>	1~62 sec
<b>Power Consumption</b>	<b>5V@2.01A ULV Celeron 400/256MB</b>	5V@2.79A ULV Celeron 400/256MB
<b>Dimension</b>	5.7"x 4"	5.7"x 4"

## VTC494296 Specifications

- ◆ **CPU**  
ULV Intel® Celeron® 400MHz  
ULV Intel® Celeron® 650MHz
- ◆ **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 1.1  
1 x EIDE  
1 x CF  
1 x KB/MS  
1 x VTC485255  
1 x LPT  
**Audio**  
AC'97 Codec ALC655 5.1CH  
**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 panels up to SXGA quality.  
**LVDS Interface**  
Dual Channel (2 x 18-bit) LVDS interface
- ◆ **Watchdog Timer**  
Software programmable supports 1~255 sec. system reset
- ◆ **Power Supply**  
+5 V ± 5%
- ◆ **Power Consumption**  
5V@2.01A (Celeron® 400MHz with PC100/133 256MB 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**  
0.24kg ( board only)/0.67kg (total package)

## Packing List

1 x VTC485255	1 x Keyboard/ PS2 mouse cable
1 x IDE flat cable 44p/40p/40p	1 x USB cable
1 x Second serial port cable	1 x Utility CD
1 x Audio cable	1 x QIG ( quick installation guide)
1 x Mini Jumper Pack	

## Ordering Information

Part No.	Description
VTC485255	ULV Intel® Celeron® 3.5" SBC w/400 MHz CPU, VGA/LCD, LVDS, Ethernet, Audio
VTC494295	ULV Intel® Celeron® 3.5" SBC w/650 MHz CPU, VGA/LCD, LVDS, Ethernet, Audio