VOX TECHNOLOGIES
RESOURCEFUL ENGINEERING

VTC329621

## EPIC Onboard ULV Intel® Celeron® 400MHz CPU based with LCD/CRT VGA, LAN, Audio & RoHS Compliant

RoHS | Lead Free

12V Power Input

PC/104+

36-bit LVDS

Solder Side

CFII   RAM socket

COM Port   VGA   LAN   USB   KB/MS
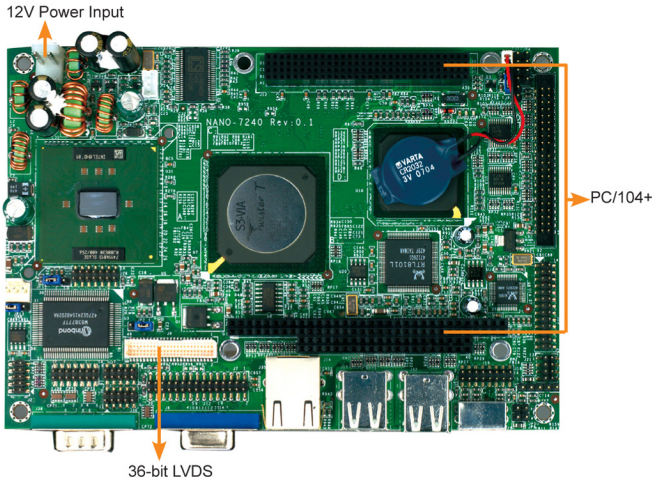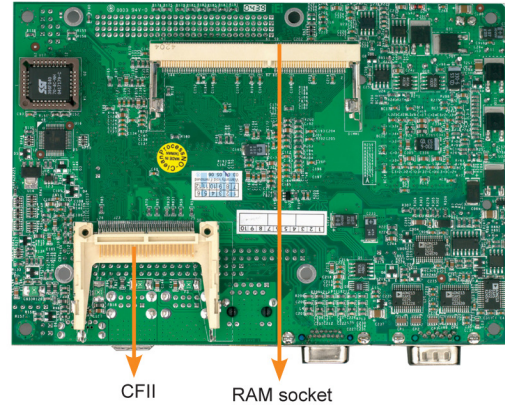
Feature

1. Embedded ULV Intel® Celeron® 400 MHz CPU for fanless system support
2. CRT/LCD VGA integrated in VT8606, support 36-bit LVDS/TTL LCD
3. 1 x PC133 SDRAM SO-DIMM support up to 512MB
4. Support PC/104+ expansion slot
5. CFII, LAN, USB, Multi-COM, Audio integrated
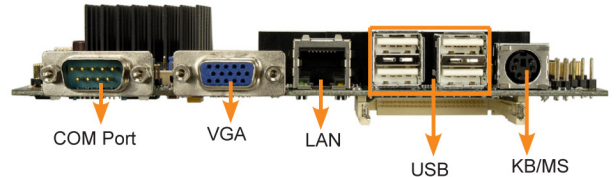
Specification

◆ **CPU**
ULV Intel® Celeron® 400 MHz CPU

◆ **System Chipset**
VIA VT8606 + VT82C686B

◆ **BIOS**
AMI BIOS Label

◆ **System Memory**
1 x PC133 SO-DIMM SDRAM up to 512MB SDRAM

◆ **Ethernet**
Single 10/100Mbs RTL 8101L Fast Ethernet controller

◆ **I/O**
1 x IDE port
1 x Parallel port
1 x PS2 Keyboard/Mouse support
3 x RS-232 Serial port
1 x RS-232/422/485 port
4 x USB 1.1 port (4 by connector)
1 x IrDA by pin header (SIR mode)
1 x CFII
Expansion
PC/104+

◆ **Audio**
AC'97 Codec

◆ **Digital I/O**
4 inputs / 4 outputs TTL lever

◆ **Display**
VIA VT8606 on chip ProSavage TM VGA controller
Bus: AGP 4X
One VGA port for CRT monitor 1920x1400
36-bit LVDS/TTL LCD interface
Shared system memory up to 32 MB (SMA technology)

◆ **Watchdog Timer**
Software programable supports 1-255 sec. system reset

◆ **Power Supply**
+12V only, AT/ATX support

◆ **Power Consumption**
12V@1.2A
(ULV Intel® Celeron® 400MHz CPU with PC133 256MB RAM)

◆ **Temperature**
Operation: 0 ~ 60° C (32 ~ 140° F)

◆ **Humidity**
Operation: 5% ~ 95%, non-condensing

◆ **Dimension**
115mm x 165 mm

◆ **Weight**
GW: 1100g; NW: 350g

12V only   Fanless

RoHS Compliance

Vox 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 Vox's new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

Dimension
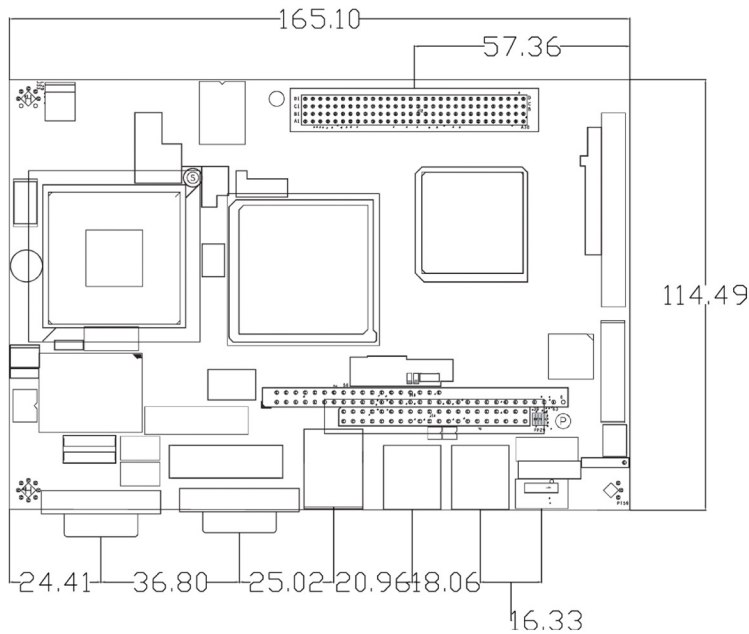
Packing List

1 x VTC329621 single board computer
1 x IDE flat cable 44p/40p/40p
1 x (2x8-pin) Audio cable w/o BK
3 x 2.0 Pitch single RS-232 port cable w/o BK
1 x LPT cable

1 x AT power cable
1 x PS2 KB/MS Y-cable
1 x Mini jumper pack
1 x Utility CD
1 x QIG (quick installation guide)

Ordering Information

Part No.	Description
VTC485000	EPIC Onboard ULV Intel® Celeron® 400MHz CPU based with LCD/CRT VGA, LAN, Audio,RoH compliant
VTC485001	NANO-7240-RS with Window® CE 5.0 image,32MB Flash Disk and 128 SDRAM
VTC485002	NANO-7240-RS with Window® XP Embedded, 512 MB Flash Disk and 128 SDRAM