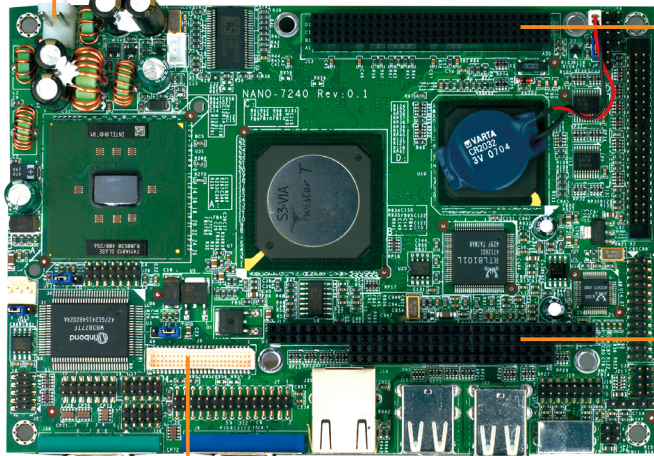


NANO-7240-RS

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



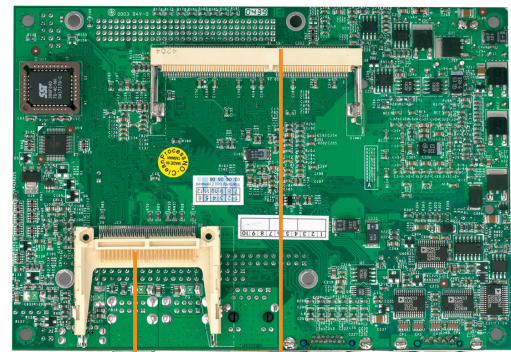
12V Power Input



36-bit LVDS

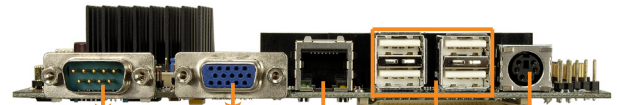
PC/104+

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 10/100Mbps 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™ 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 programmable 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

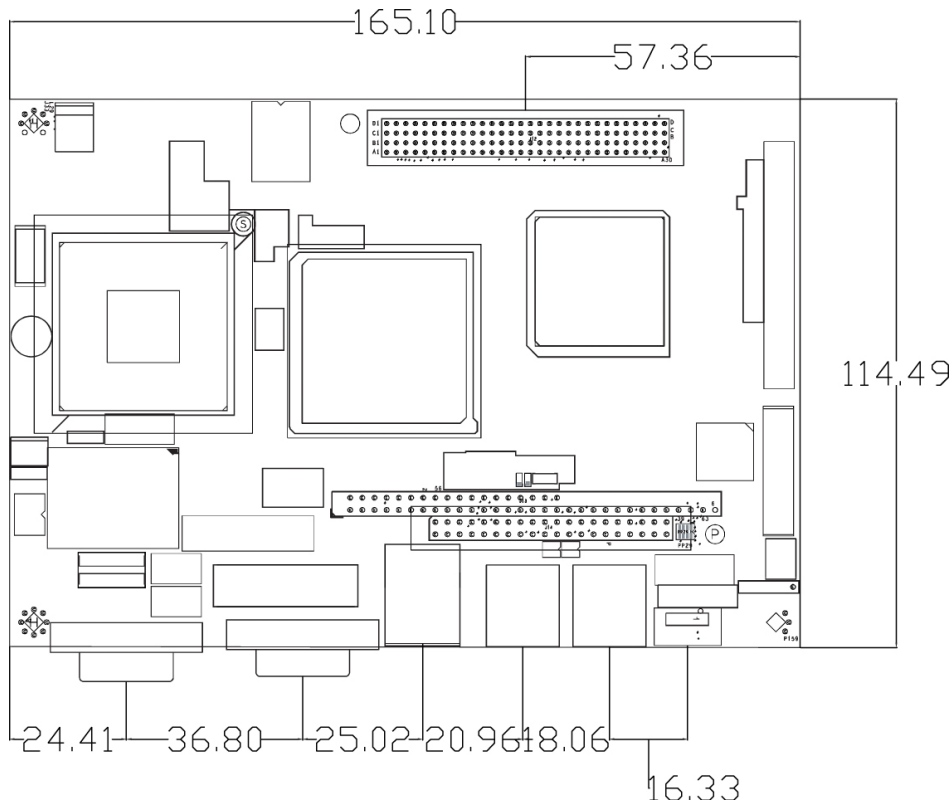
GW: 1100g; NW: 350g

12V only Fanless

RoHS Compliance

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 NANO-7240 single board computer	1 x AT power cable (P/N: 32100-050200-RS)
1 x IDE flat cable 44p/40p/40p (P/N: 32200-008800-RS)	1 x PS2 KB/MS Y-cable (P/N: 32000-000138-RS)
1 x (2x8-pin) Audio cable w/o BK (P/N: 32000-000147-RS)	1 x Mini jumper pack
3 x 2.0 Pitch single RS-232 port cable w/o BK (P/N: 32200-029600-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
NANO-7240-RS-400-R20	EPIC Onboard ULV Intel® Celeron® 400MHz CPU based with LCD/CRT VGA, LAN, Audio,RoH compliant
NANO-7240-RS-CENET050	NANO-7240-RS with Window® CE 5.0 image,32MB Flash Disk and 128 SDRAM
NANO-7240-RS-WINXPE	NANO-7240-RS with Window® XP Embedded, 512 MB Flash Disk and 128 SDRAM



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