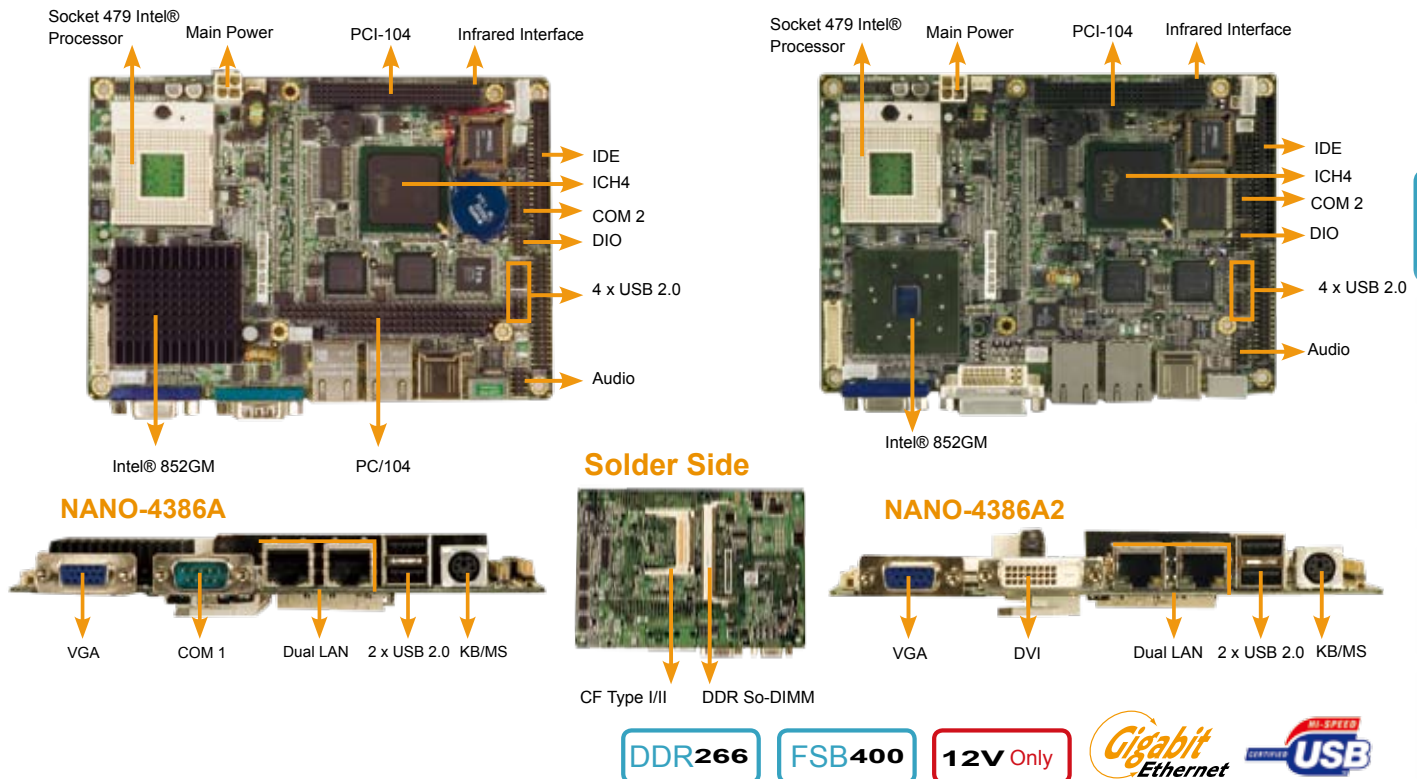


# epic NANO-4386A/A2

EPIC Intel® Pentium® M/ Celeron® M CPU with  
VGA/LVDS, Dual GbE, Audio and 6 x COM



## Specifications

- ◆ CPU  
Socket 479 Intel® Pentium® M, Celeron® M processor with a 533/400MHz FSB  
On board Intel® Celeron® M 600MHz 512KB or 1GHz zero cache processor
- ◆ System Chipsets  
Intel® 852GM + ICH4
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
One 200-pin 266/200MHz DDR SDRAM SO-DIMM supported (system max. 1GB)
- ◆ Ethernet  
Dual Intel® 82551ER Ethernet chipsets  
Dual Intel® 82541PI GbE chipsets
- ◆ I/O Interface  
5 x RS-232  
1 x RS-232/422/485  
6 x USB 2.0  
1 x IDE  
1 x PS/2 for KB/MS
- ◆ Expansions  
PC/104-Plus (NANO-4386A only)  
PCI-104 (NANO-4386A2 only)
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface  
1 x Infrared Interface by pin header
- ◆ Super I/O  
Winbond W83627UHG
- ◆ Display Interface  
VGA integrated in Intel® 852GM  
18-bit dual-channel LVDS  
DVI (NANO-4386A2 only)
- ◆ Audio  
Realtek ALC655 with AC'97 codec
- ◆ SSD  
CF Type II
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply  
AT/ATX power
- ◆ Power Consumption  
12V@2.7A, 5VSB@ 0.22A  
(Intel® Celeron® M 1.4GHz CPU with 512MB DDR 333MHz)
- ◆ Temperature  
Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity  
Operating: 5% ~95% non-condensing
- ◆ Dimensions  
115 mm x 165 mm
- ◆ Weight  
GW: 800 g / NW: 233 g

## Features

1. EPIC Form Factor and RoHS compliant
2. Intel® Pentium® M/ Celeron® M CPU with 400MHz FSB
3. One DDR266MHz SO-DIMM memory up to 1GB
4. 6 x COM, 6 x USB 2.0 and LVDS

## Packing List

1 x NANO-4386A or NANO-4386A2 Single Board Computer
1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)
1 x Audio Cable (P/N: 32000-072100-RS)
1 x 4 RS-232 Adapter Cable (P/N: 32200-025401-RS)
1 x PS/2 KB/MS Y-Cable (P/N: 32000-000138-RS)
1 x Power Cable (P/N: 32100-087100-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
NANO-4386A-R10	Socket 479 Intel® Pentium® M/ Celeron® M CPU with VGA/LVDS, Dual GbE, Audio and 6 x COM
NANO-4386A-1GZ-R10	EPIC Intel® ULV Celeron® 1GHz Zero Cache CPU with VGA/LVDS, Dual LAN, Audio and 6 x COM
NANO-4386A-1G512-R10	EPIC Intel® ULV Celeron® 1GHz 512KB Cache CPU with VGA/LVDS, Dual LAN, Audio and 6 x COM
NANO-4386A-600-R10	EPIC Intel® ULV Celeron® 600MHz 512KB Cache CPU with VGA/LVDS, Dual LAN, Audio and 6 x COM
NANO-4386A2-R10	EPIC Intel® Pentium® M/ Celeron® M CPU with VGA/LVDS/DVI, Dual GbE, Audio and 6 x COM
NANO-4386A2-1GZ-R10	EPIC Intel® ULV Celeron® 1GHz Zero Cache CPU with VGA/LVDS/DVI, Dual LAN, Audio and 6 x COM
NANO-4386A2-600-R10	EPIC Intel® ULV Celeron® 600MHz 512KB Cache CPU with VGA/LVDS/DVI, Dual LAN, Audio and 6 x COM
32200-026500-RS	RS-232/422/485 Cable
32000-070300-RS	USB Cable
CF-479B-RS	CPU Cooler
IO-KIT-4COM-R10	4 COM Ports Adapter Board

1

Application  
Server  
Platform

2

Single  
Board  
Computer

3

IBX Series  
POS PC

4

AFOLUX  
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

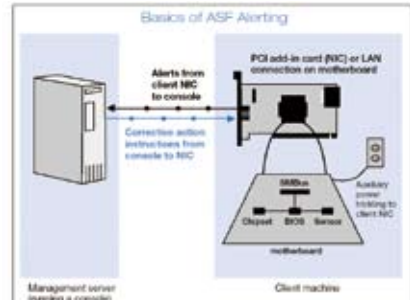
### Features 1 Dual High-performance, Power-optimized GbE with ASF 2.0 Support

The NANO-4786A with Intel® 82541PI Gigabit Ethernet Controller provides optimized Gigabit networking for power-sensitive designs, such as mobile PC applications.



#### Benefits

- Reduce PC provisioning time by over 90%
- Enhance software patching security & reliability
- Cut desk-side visit by remotely fixing problems



Provide advanced alerting and remote-control capabilities with industry-standard interfaces.

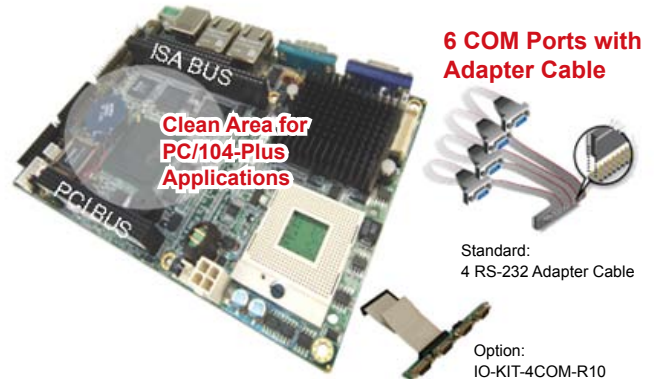
### Features 2 Full ISA-PCI Expansions Options



PM-1057SAC

#### SATA RAID Upgrade Solution

1. PCI-104 Form Factor with RoHS Compliant
2. 2 x Serial SATA with RAID 0, 1 Function Support
3. One CompactFlash® Slot with Master/Slave Selection



6 COM Ports with Adapter Cable

Clean Area for PC/104-Plus Applications

Standard: 4 RS-232 Adapter Cable

Option: IO-KIT-4COM-R10

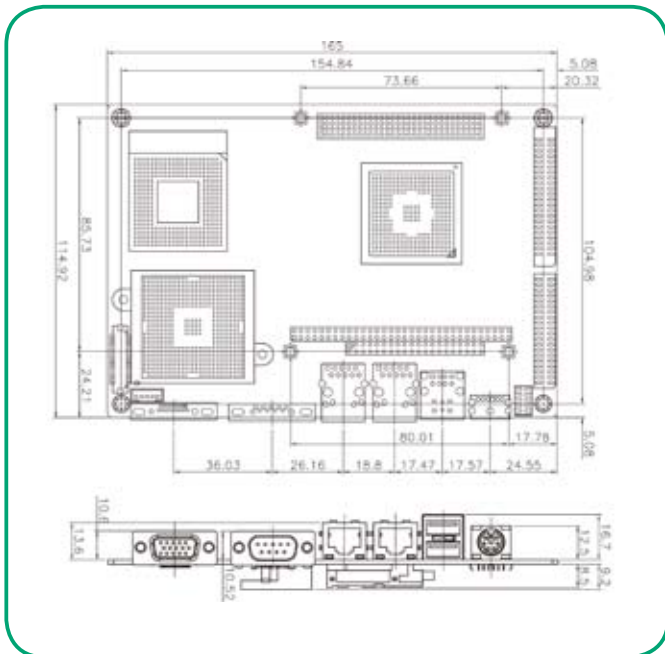
### Features 3 VGA + DVI + LVDS Dual Display



NANO-4386A2



#### NANO-4386A Dimensions (mm)



#### NANO-4386A2 Dimensions (mm)

