

# PICO316 NEW

Pico-ITX SBC with Intel® Pentium® Processor N4200 & Celeron® Processor N3350, HDMI/LVDS, GbE LAN and Audio

## Features

- Intel® Pentium® processor N4200 & Celeron® processor N3350
- 1 DDR3L SO-DIMM, up to 8GB
- 2 USB 2.0 ports and 3 USB 3.0 ports
- PCI Express Mini Card slot with mSATA supported



## Core System

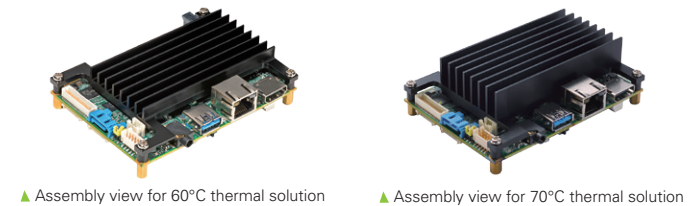
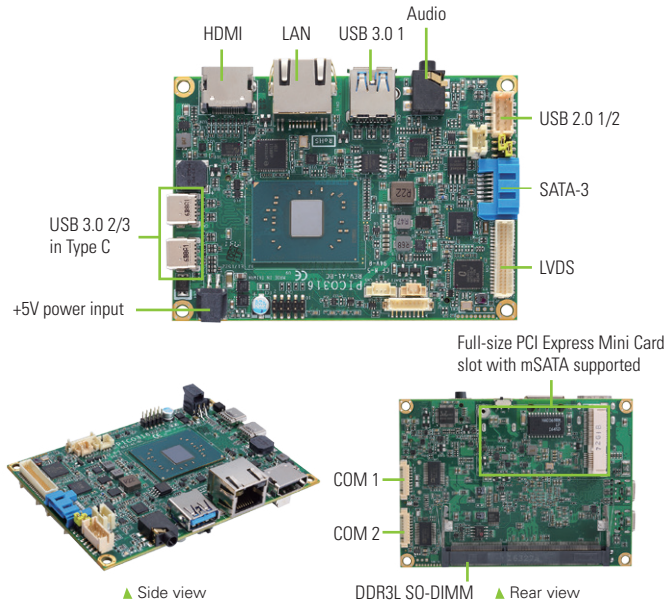
CPU	Intel® Pentium® processor N4200 & Celeron® processor N3350 onboard
System Memory	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
SSD	N/A
Watchdog Timer	65536 levels, 1 ~ 65535 sec.
Expansion Interface	1 x full-size PCI Express Mini Card slot with mSATA supported
Battery Lithium	Lithium 3V/220mAH
Power Input	2 x 2-pin connector +5V DC-in only AT Auto Power On function supported
Power Requirements	Intel® Pentium® N4200 @ 1.1 GHz 8GB DDR3L Max RMS: +5V @ 3.3A Intel® Celeron® N3350 @ 1.1 GHz 8GB DDR3L Max RMS: +5V @ 2.3A
Size	100 x 72 mm
Board Thickness	1.6 mm
Temperature	Standard: -20°C ~ +60°C (-4°F ~ +140°F) Optional: -20°C ~ +70°C (-4°F ~ +158°F)
Relative Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x RS-232
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature and voltage
Ethernet	1 port 10/100/1000 Mbps, supports Wake-on-LAN, PXE Boot ROM with Intel® i211AT
Audio	HD Codec audio as Line-out with Realtek ALC662
USB	2 x USB 2.0 3 x USB 3.0
SMBus/I <sup>2</sup> C	Yes, for advanced monitor/control
Digital I/O	N/A

## Display

Chipset	Intel® integrated Gfx graphic engine
Memory Size	Share system memory
Display Interface	1 x LVDS; 18/24-bit single/dual channel 1 x HDMI



## Packing List

### Standard

Quick installation guide, user's manual/utility CD and accessories

### Accessories

Part Number	Description
594H3160400E	Power Cable L=100 mm

## Ordering Information

### Standard

PICO316HGA-N4200 (P/N: E38H316101)	Pico-ITX SBC with Intel® Pentium® processor N4200 (1.1 ~ 2.5 GHz, 2 MB Cache, 6W), HDMI/LVDS, 1 GbE LAN, 3 USB 3.0 and 2 USB 2.0
PICO316HGA-N3350 (P/N: E38H316100)	Pico-ITX SBC with Intel® Celeron® processor N3350 (1.1 ~ 2.4 GHz, 2 MB Cache, 6W), HDMI/LVDS, 1 GbE LAN, 3 USB 3.0 and 2 USB 2.0

### Optional

PICO316HGA-N3350 60°C (P/N: E38H316102)	Pico-ITX SBC with Intel® Celeron® processor N3350 (1.1 ~ 2.4 GHz, 2MB Cache, 6W), HDMI/LVDS, 1 GbE LAN, 3 USB 3.0, 2 USB 2.0 and low profile heatsink
PICO316HGA-N4200 60°C (P/N: E38H316103)	Pico-ITX SBC with Intel® Pentium® processor N4200 (1.1 ~ 2.5 GHz, 2MB Cache, 6W), HDMI/LVDS, 1 GbE LAN, 3 USB 3.0, 2 USB 2.0 and low profile heatsink
PICO316HGA-N3350 70°C (P/N: E38H316104)	Pico-ITX SBC with Intel® Celeron® processor N3350 (1.1 ~ 2.4 GHz, 2MB Cache, 6W), HDMI/LVDS, 1 GbE LAN, 3 USB 3.0, 2 USB 2.0 and high profile heatsink
PICO316HGA-N4200 70°C (P/N: E38H316105)	Pico-ITX SBC with Intel® Pentium® processor N4200 (1.1 ~ 2.5 GHz, 2MB Cache, 6W), HDMI/LVDS, 1 GbE LAN, 3 USB 3.0, 2 USB 2.0 and high profile heatsink
5090BE26000E	5V/8A 40W adapter, 4-pin plug w/ lock
594H3160410E	Power cable for adapter L=100 mm
7128H316000E	Heatspreader
59380880250E	COM Port Cable DB9-9 x 1P L250 mm P=1.25