

PICO316

Pico-ITX SBC with Intel® Pentium® Processor N4200 & Celeron® Processor N3350/J3455, LVDS, HDMI, GbE LAN and Audio

Features

- Intel® Pentium® processor N4200 & Celeron® processor N3350/J3455
- 1 DDR3L SO-DIMM for up to 8GB of memory
- 2 USB 2.0 and 3 USB 3.0
- 1 PCI Express Mini Card slot with mSATA supported



Core System

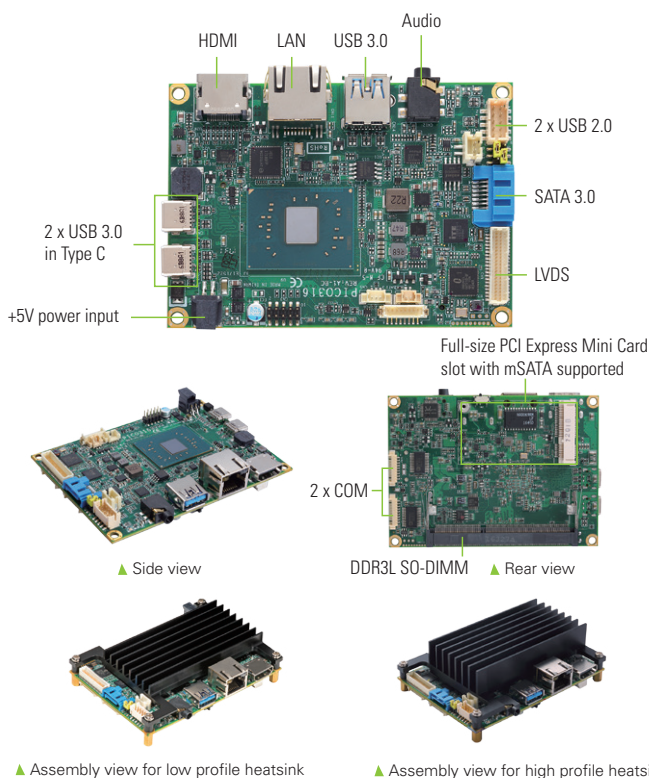
CPU	Intel® Pentium® processor N4200 & Celeron® processor N3350/J3455 onboard
System Memory	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
SSD	N/A
Watchdog Timer	65536 levels, 1 to 65535 sec.
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA supported
Battery 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 Intel® Celeron® J3455 @1.5 GHz 8GB DDR3L Max RMS: +5V @4A
Dimensions	100 x 72 mm
Board Thickness	1.6 mm
Operating Temperature	Standard: -20°C to +60°C (-4°F to +140°F) Optional: -20°C to +70°C (-4°F to +158°F)
Humidity	10% to 95% relative humidity, non-condensing

I/O

SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature and voltage
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® i211-AT; supports Wake-on-LAN, PXE Boot ROM
Audio	HD Codec audio as Line-out with Realtek ALC662
USB	2 x USB 2.0 3 x USB 3.0
Serial	2 x RS-232
TPM	N/A
SMBus	N/A
Others	1 x I ² C
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



▲ Assembly view for low profile heatsink

▲ Assembly view for high profile heatsink

Packing List

Standard

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

Accessories

594H3160400E Power Cable L=100 mm

Ordering Information

Standard

PICO316HGA-N4200 (P/N: E38H316101)	Pico-ITX SBC with Intel® Pentium® processor N4200 (1.1 to 2.5 GHz, 2MB Cache, 6W), LVDS, HDMI, GbE LAN, 3 USB 3.0 and 2 USB 2.0 without heatsink
PICO316HGA-N3350 (P/N: E38H316100)	Pico-ITX SBC with Intel® Celeron® processor N3350 (1.1 to 2.4 GHz, 2MB Cache, 6W), LVDS, HDMI, GbE LAN, 3 USB 3.0 and 2 USB 2.0 without heatsink
PICO316HGA-J3455 (P/N: E38H316106)	Pico-ITX SBC with Intel® Celeron® processor J3455 (1.5 to 2.3 GHz, 2MB cache, 10W), LVDS, HDMI, GbE LAN, 3 USB 3.0 and 2 USB 2.0 without heatsink

Optional

PICO316HGA-N3350 60°C (P/N: E38H316102)	Pico-ITX SBC with Intel® Celeron® processor N3350 (1.1 to 2.4 GHz, 2MB Cache, 6W), LVDS, HDMI, 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 to 2.5 GHz, 2MB Cache, 6W), LVDS, HDMI, 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 to 2.4 GHz, 2MB Cache, 6W), LVDS, HDMI, 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 to 2.5 GHz, 2MB Cache, 6W), LVDS, HDMI, GbE LAN, 3 USB 3.0, 2 USB 2.0 and high profile heatsink
PICO316HGA-J3455 60°C (P/N: E38H316107)	Pico-ITX SBC with Intel® Celeron® processor J3455 (1.5 to 2.3 GHz, 2MB cache, 10W), LVDS, HDMI, GbE LAN, 3 USB 3.0 and 2 USB 2.0 and high profile heatsink
5090BE26000E	5V/8A 40W adapter, 4-pin plug with lock
594H3160410E	Power cable for adapter, L=100 mm
7128H316000E	Heatspreader
59380880250E	COM port cable, DB9-9 x 1P, L=250 mm, P=1.25

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Single Board Computers](#) category:

Click to view products by [Axiomtek](#) manufacturer:

Other Similar products are found below :

[MANO882VPGGA-H81](#) [SSD3200W-S-SLC-INN 20-101-0738](#) [MVME61006E-2173R](#) [SHB230DGGA-RC](#) [CM2-BT2-E3825-ETT](#)
[IMB210VGGA](#) [IB915F-3955](#) [MI958F-16C](#) [S2600WFT](#) [S2600STB](#) [BBS2600BPS](#) [BLKNUC7I3DNHNC1978015](#) [DEV-17745](#)
[BEAGLEBOARD POCKET](#) [MICROSOM I2 + WIFI/BT](#) [HUMMINGBOARD-I2EX BASE + WIFI/BT](#) [HUMMINGBOARD-I4 PRO +](#)
[WIFI/BT](#) [VAB-600-B](#) [MITX-440-DVI-2E](#) [ATCA-7365-D-24GB](#) [NITX-315-DEVKIT](#) [A13-SOM-512](#) [NITX-315](#) [BANANA PI BPI-M1+](#)
[A13-SOM-WIFI-4GB](#) [AM3359-SOM-EVB-IND](#) [UPS-APLC2-A10-0432](#) [DFR0419](#) [UPS-APLP4-A10-0864](#) [UPS-APLP4-A10-0432](#) [UPS-](#)
[APLP4-A10-08128](#) [MI977F-Q27](#) [BBBLUE](#) [IB811F-I30](#) [DFR0470-ENT](#) [Nit6Q_i](#) [M2M \(TELIT\)](#) [RELAY](#) [PROFESSIONAL](#)
[GCS22.2.080.2.2.I](#) [GCS22.8.100.4.2.I](#) [GLS11.2.053.2.2.E](#) [A20-OLINUXINO-LIME-E16GS16M](#) [A20-OLINUXINO-LIME-S16M](#) [A20-](#)
[OLINUXINO-LIME2-E16GS16M](#) [A20-OLINUXINO-MICRO-S16M](#) [BANANA PI BPI-W2](#) [T2-OLINUXINO-LIME2-S16M-IND](#) [T2-](#)
[OLINUXINO-MICRO-E8GS16M-IND](#)