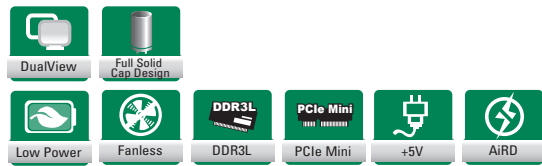


PICO316 NEW

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 and 3 USB 3.0
- PCI Express Mini Card slot with mSATA supported



Core System

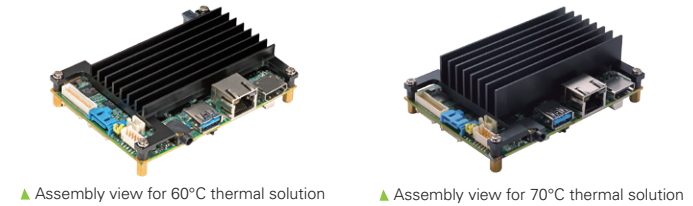
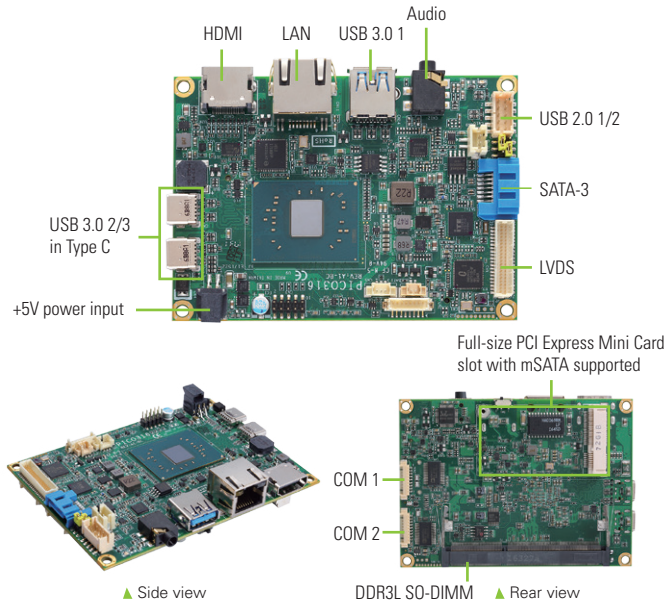
| | |
|---------------------|--|
| CPU | Intel® Pentium® processor N4200 & Celeron® processor N3350 onboard |
| System Memory | 1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB |
| Chipset | SoC integrated |
| BIOS | AMI |
| SSD | N/A |
| Watchdog Timer | 65536 levels, 1 ~ 65535 sec. |
| Expansion Interface | 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 ² 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 |