

PICO300

Pico-ITX SBC with Intel® Pentium® N3710 & Celeron® N3060 Processor, HDMI (VGA)/LVDS, LAN and Audio

Features

- Intel® Pentium® N3710 & Celeron® N3060 processor (Braswell SoC)
- 1 DDR3L-1600 SO-DIMM, up to 8GB
- 1 USB 2.0 ports
- PCI Express Mini Card
- AXView 2.0 Intelligent remote management software



Core System

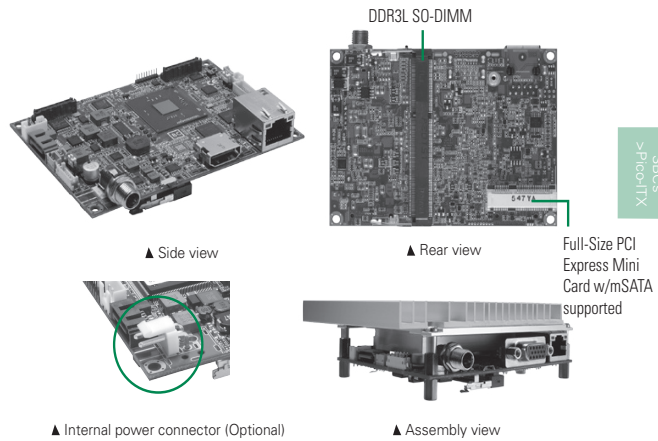
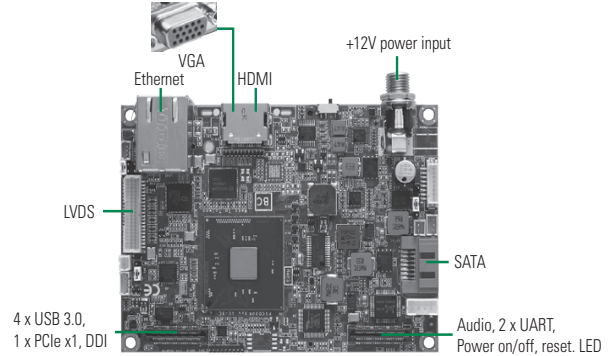
| | |
|---------------------|--|
| CPU | Intel® Pentium® N3710 & Celeron® N3060 processor |
| System Memory | 1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB |
| Chipset | N/A |
| BIOS | AMI |
| SSD | N/A |
| Watchdog Timer | 255 levels, 1 ~ 255 sec. |
| Expansion Interface | 1 x full-size PCI Express Mini Card with mSATA 1 x PCIe x1, 2 x UART, 1 x DDI, 4 x USB 3.0 and 1 x HD audio (through expansion connector) |
| Battery Lithium | Lithium 3V/220mAH |
| Power Input | DC power jack connector +12V DC-in only AT Auto Power On function supported |
| Power Requirements | Intel® Pentium® N3710 @ 1.6 GHz, 8GB DDR3L Max RMS: +12V @ 1.3A Intel® Celeron® N3060 @ 1.6 GHz, 8GB DDR3L Max. RMS: +12V @ 1.2A |
| Size | 100 x 72 mm |
| Board Thickness | 1.6 mm |
| Temperature | -20°C ~ +60°C (-4°F ~ +140°F), operation |
| Relative Humidity | 10% ~ 95% relative humidity, non-condensing |

I/O

| | |
|---------------------|---|
| MIO | N/A |
| 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 MIC-in/Line-out with Realtek ALC662 |
| USB | 1 x USB 2.0 |
| SMBus | System Management Bus for advanced monitoring/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 or 1 x VGA |



Packing List

| Standard | | |
|--|------------------|-----|
| Quick installation guide, User's Manual/Utility CD and accessories | | |
| Accessories | | |
| Part Number | Description | Qty |
| 59403208000E | SATA cable | 1 |
| 594P8800600E | SATA power cable | 1 |
| 594P8802800E | USB cable | 1 |
| 5078H300100E | Heatspreader | 1 |
| 5078H300200E | Heatsink | 1 |

Ordering Information

| Standard | |
|------------------------------------|--|
| PICO300HGA-N3710 (P/N: E38H300100) | Pico-ITX SBC with Intel® Pentium® N3710 (1.6-2.56 GHz, 2 MB Cache, 6W) HDMI/LVDS, 1 GbE LAN, 1 USB 2.0 |
| PICO300VGA-N3710 (P/N: E38H300101) | Pico-ITX SBC with Intel® Pentium® N3710 (1.6-2.56 GHz, 2 MB Cache, 6W) VGA/LVDS, 1 GbE LAN, 1 USB 2.0 |
| PICO300HGA-N3060 (P/N: E38H300102) | Pico-ITX SBC with Intel® Celeron® N3060 (1.6-2.48 GHz, 1 MB Cache, 6W) HDMI/LVDS, 1 GbE LAN, 1 USB 2.0 |
| PICO300VGA-N3060 (P/N: E38H300104) | Pico-ITX SBC with Intel® Celeron® N3060 (1.6-2.48 GHz, 1 MB Cache, 6W) VGA/LVDS, 1 GbE LAN, 1 USB 2.0 |
| Optional | |
| AX93275 (P/N: E393275102) | I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 3.0, 1 x VGA, 1 x Audio |
| AX93276 (P/N: E393276102) | I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 3.0, 1 x HDMI, 1 x Gigabit LAN |
| AX93292 (P/N: E393292100) | I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 2.0, 1 x Audio |
| AX93299 (P/N: E393299100) | I/O board for 1 x RS-232/422/485, 1 x RS-232, 4 x USB 3.0, 1 x Audio |



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660