

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

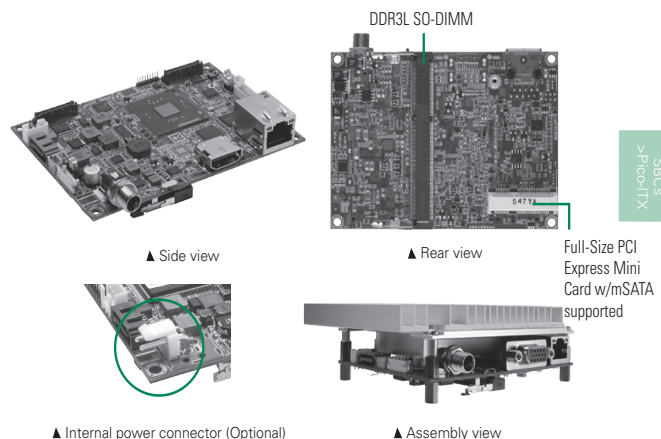
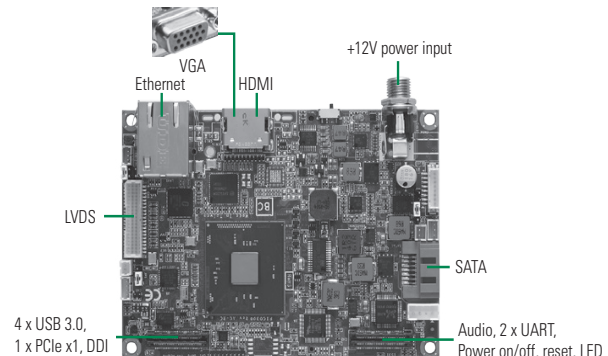
CPU	Intel® Pentium® N3710 & Celeron® N3060 processor
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
Chipset	N/A
BIOS	AMI
SSD	N/A
Watchdog Timer	255 levels, 1 ~ 255 sec.
Expansion Interface	1 x full-size PCI Express Mini Card with mSATA 1 x PCIe x1, 2 x UART, 1 x DDI, 4 x USB 3.0 and 1 x HD audio (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



▲ Internal power connector (Optional)

▲ Assembly view

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.

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