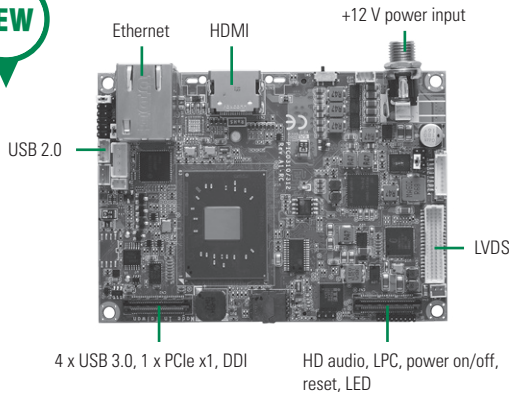


PICO312

Pico-ITX SBC with Intel® Pentium® Processor N4200 & Celeron® Processor N3350, HDMI (VGA)/LVDS and 1 GbE



System

CPU	Intel® Pentium® processor N4200 & Celeron® processor N3350 onboard (Apollo Lake)
System Memory	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB
Chipset	SoC Integrated
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, 1 x LPC, 1 x DDI, 4 x USB 3.0, 1 x HD audio and 1 x SMBus (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	TBD
Size	100 x 72 mm
Board Thickness	1.6 mm
Temperature	-20°C ~ +70°C (-4°F ~ 158°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

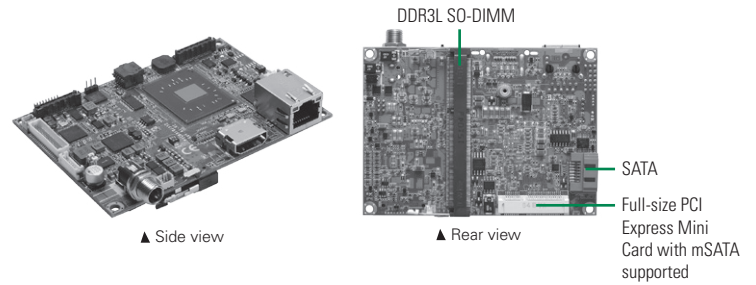
MIO	N/A
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature and voltage
Ethernet	1 port 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i211AT
Audio	N/A
USB	1 x USB 2.0
i°C	i°C Bus for advanced monitoring/control
Digital I/O	N/A

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

Features

- Intel® Pentium® processor N4200 & Celeron® processor N3350 onboard (Apollo Lake)
- 1 DDR3L-1867 SO-DIMM max. up to 8GB
- 1 USB 2.0 port
- PCI Express Mini Card with mSATA supported



Packing List

Standard

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

Accessories

Part Number	Description	Qty
	SATA cable	1
	SATA power cable	1
	Heatspreader	1
	Heatsink	1

Ordering Information

Standard

PICO312HG-N4200	Pico-ITX SBC with Intel® Pentium® processor N4200, HDMI/LVDS, 10/100/1000 Mbps, 1 USB 2.0
PICO312VG-N3350	Pico-ITX SBC with Intel® Celeron® processor N3350, VGA/LVDS, 10/100/1000 Mbps, 1 USB 2.0