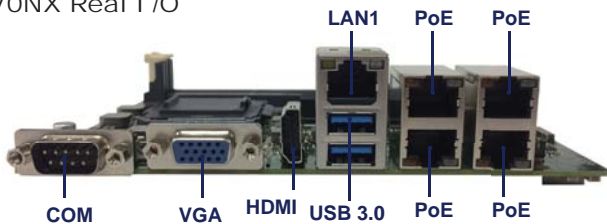


# 3I170NX Series

## Back Panel

### 3I170NX Real I/O



- ▣ Intel® Skylake-S / Kaby Lake-S i7 / i5 / i3 / Celeron CPU, 3.5" SBC, DDR4 Memory, VGA, HDMI, HD Audio, DI/DO  
4 x PoE, 1 x GbE, 10 x USB, 2 x COM  
2 x Mini PCIe, 1 x SIM card socket

### ▣ Features

- Embedded Intel® Skylake-S / Kaby Lake-S i7 / i5 / i3 / Celeron CPU / chipset
- 2 x DDR4 SODIM socket, Max up to 32GB
- Multiple Independent display: VGA & HDMI
- 4 x PoE, 1 x Intel GbE LAN, 2 x USB 3.0, 8 x USB 2.0, 2 x COM
- 2 x Mini PCIe, 1 x SIM card socket

## Specification:

<b>MODEL</b>	3I170NX
CPU Type	Intel® Skylake-S / Kaby Lake-S i7 / i5 / i3 / Celeron CPU (TPD Max 35Watt)
MB Chipset	Intel® Q170 chipset
BIOS	AMI UEFI BIOS
Graphics	Intel's 9th generation (Gen 9) graphics and media encode / decode engine
System Memory	2 x DDR4 2133MHz SODIMM max up to 32GB
DVI / HDMI / DP / VGA	1 x HDMI support resolution 3840 x 2160 1 x VGA support resolution 1920 x 1200
SATA	2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (300 MB/s) 2 x mini card socket for mSATA
Audio	High Definition Audio Specification, Support Line-out / Mic-in
Amplifier	Two channel Class D Audio Amplifier ; 2.1W / Ch (Typ.) into a 4ΩLoad
LAN	4 x PoE (Intel I210 IT), 1 x (Intel I219LM) 10 / 100 / 1000 Mbps
IO Function	1 x RS232 / 422 / 485 (external), 1 x RS232 / 422 / 485 (internal)
USB	2 x USB 3.0 (external) ; 8 x USB 2.0 (internal)
PS2 KB/MS	Internal
DIO & WDT	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x Full size mini card for PCIe / mSATA / USB 1 x Half size mini card for PCIe / USB / mSATA 1 x SIM socket
Power	Wide Range DC in +12V~36V
Dimension	160 x 122 mm
Operation Temperature	-20 °C ~ 60 °C
Operation Humidity	5 ~ 95%, non-condensing
Expansion	GPS, IEEE1394, 3G / 4G, Bluetooth, WI-FI, I/O
Chassis	Box PC : TASK