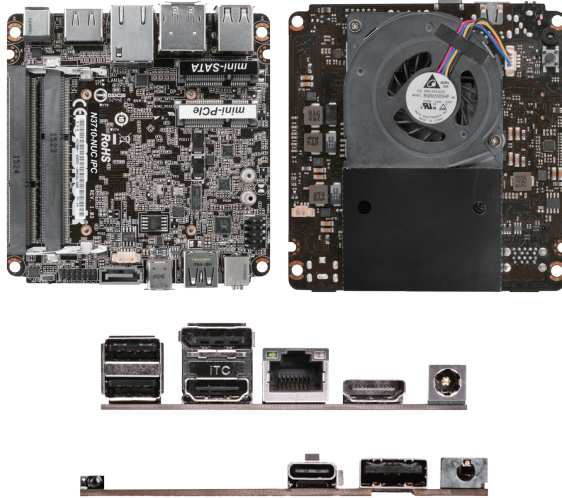




## N3160-NUC IPC/ N3710-NUC IPC

### NUC Motherboard



#### KEY FEATURES

- Intel® Braswell SoC Processor
- 2 x 204-pin SO-DIMM up to 16GB DDR3L 1600 MHz (8GB per DIMM)
- 1 x mini-PCIe, 3 x USB 3.1 Gen1, 1 x USB 3.1 Gen1 Type C, 1 x mSATA  
1 x SATA3
- 1 x Realtek LAN RTL8111G
- Supports triple display, 2 x HDMI1.4 , 1 x DP1.2
- 12V DC-In

#### SPECIFICATIONS

Form Factor	N3160-NUC IPC	N3710-NUC IPC
Dimensions	NUC (4.09-in x 4.02-in)	

#### Processor System

CPU	Intel® Braswell SoC Processor	
Chipset	SoC	
Socket	N/A	
BIOS	AMI SPI 64 Mbit	
	N3160, QC, 1.60 GHz, 6 W	N3710, QC, 1.60 GHz, 6 W

#### Memory

Technology	Dual Channel DDR3L 1600 MHz	
Capacity	16 GB (8 GB per DIMM)	
Socket	2x 204-pin SO-DIMM	

#### Graphics

Controller	Intel® Gen8 Intel® Graphics DX 11, OGL3.2	
HDMI	HDMI 1.4a Max resolution up to 3840x2160@30Hz	
DisplayPort	DisplayPort 1.2a , DP++ Max resolution up to 4096x2160@60Hz	
VGA	N/A	
LVDS	N/A	
eDP	N/A	
DVI	N/A	
MultiDisplay	Triple Display	

#### Expansion Slot

PCIe	N/A
PCI	N/A
mini-PCIe	1 x Half size with PCIe x1 and USB 2.0
M.2	N/A
mSATA	N/A

#### Audio

Interface	Realtek ALC233, High Definition Audio. Mic-In, Line-Out
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#### Ethernet

Controller/ Speed	1 x Realtek RTL8111G with 10/100/1000 Mbps
Connector	1 x RJ-45

#### Front I/O

USB	1 x USB3.1 (Gen1, TypeC) 1 x USB3.1 (Gen1)
Audio	1 x (Mic-In & Line-Out)
Others	IR Receiver

#### Rear I/O

HDMI	2 x HDMI1.4
DisplayPort	1 x DP 1.2
VGA	N/A
DVI	N/A
Ethernet	1 x 1 Gigabyte LAN
USB	2 x USB3.1 (Gen1)
Audio	N/A
COM	N/A
PS2	N/A
DC Jack	1

#### Internal Connector

USB	N/A
COM	N/A
Parallel	N/A
GPIO	N/A
TPM	N/A
LVDS	N/A
eDP	N/A
VGA	N/A
SATA PWR Output	1
Speaker Header	N/A

#### Storage

M.2	N/A
mSATA	1
SATA	1 x SATA3 (6Gb/s)
eMMC	N/A

#### Watchdog Timer

Output Interval	From Super I/O to drag RESETCON# 256 Segments, 0, 1, 2, ...255sec
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#### Power Requirements

Input PWR Power On	12V DC-In (DC Jack) AT/ATX Supported
	- AT : Directly PWR on as power input ready - ATX : Press button to PWR on after power input ready

#### Environment

Operating Temp	0°C ~ 60°C
Storage Temp	-40° C ~ 85° C
Operating Humidity	5% ~ 90%
Storage Humidity	5% ~ 90%

## 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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