

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		
	N3160, QC, 1.60 GHz, 6 W	N3710, QC, 1.60 GHz, 6 W	
Chipset	SoC		
Socket	N/A		
BIOS	AMI SPI 64 Mbit		
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		
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 (Type C, 5V/3A) 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 Gigabite 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	From Super I/O to drag RESETCON#
Interval	256 Segments, 0, 1, 2, ...255sec

Power Requirements

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

Environment

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