NUC BOX 3160/ NUC BOX3010

Faned Embedded BOX PC

intel IoT Solutions Alliance

ASRock Industrial

KEY FEATURES

- Intel® Braswell SoC Processor
- 2 x 204-pin SO-DIMM up to 16GB DDR3L 1600 MHz (8GB per DIMM)
- 1 x M.2 Key E , 3 x USB 3.1 Gen1 , 1 x USB 3.1 Gen1 Type C , 1 x mSATA, 1 x SATA3
- 1x Realtek LAN RTL8111G
- Supports triple display, 2 x HDMI1.4 , 1 x DP1.2
- 1 x 12V/36W AC-DC power brick adapter
- 110 x 118.5 x 46mm, Faned Barebone

SPECIFICATIONS

Processor System	NUC BOX 3010	NUC BOX 3160
CPU	Intel® Braswell SoC Processor N3010, DC, 1.04 GHz, 4W	N3160, QC, 1.60 GHz, 6W
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	2 x 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 1.1a Max resolution up to 3840x2160@30Hz
VGA	N/A
LVDS	N/A
eDP	N/A
DVI	N/A
MultiDisplay	Triple Display

Expansion Slot	
mini-PCIe	N/A
M.2	1 x M.2 (Key E, 2230) with PCIe x1, USB 2.0 for Wireless
SIM Socket	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

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

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 Gigabite LAN
USB	2 x USB3.1 (Gen1)
Audio	N/A
COM	N/A
PS2	N/A
DC Jack	1

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 power input ready - ATX : Press button to PWR on after power input ready

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

Mechanical	
Construction	Plastic
Mounting	VESA mounting bracket
Dimensions (W x H x D)	110 x 118.5 x 46mm (WxDxH)
Weight	Net Weight: 0.5kg

Others	
OS Support	Windows 7/10
TPM	N/A
Certifications	CE, FCC Class A
Packing List	1 x 12V/36W AC-DC power brick adapter 1 x VESA mounting bracket 1 x Screw Package 1 x Product DVD

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

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