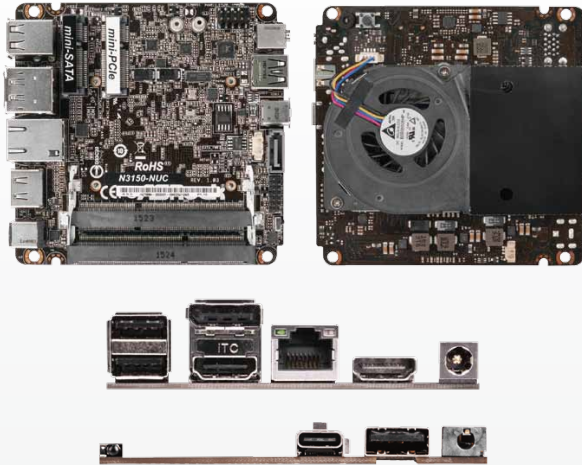




N3150-NUC IPC

Spotlight Features

- Intel® Braswell N3150 (Fan Design)
- 2 x HDMI, 1 x DisplayPort
- 1 x Giga LAN
- 4 x USB 3.0 (1 x Type C), 1 x Audio-out with MIC-In
- 1 x mSATA, 1 x Mini-PCIe
- Triple display (HDMI+HDMI+DP), Support 4K Display and Playback

Specifications

Processor System

Dimension	4.09" x 4.02" (104 x 102mm)
CPU	Intel® Quad Core Braswell N3150(With FAN) Supports Hyper-Threading Technology
Core Number	4
Max Speed	(By CPU)
L2 Cache	2MB
Chipset	N/A
BIOS	UEFI

Expansion Slot

Min-PCIe	1 (half size, supports PCIe x1 & USB)
mSATA	1 (Only support SATA)

Memory

Technology	Dual Channel DDR3L 1066/1600 MHz SDRAM
Max.	16 GB
Socket	2 x SO-DIMM

Graphics

Controller	Intel® Gen8 Intel Graphics DX 11*, OGL3.2
VRAM	share Memory
VGA	no
LVDS	no
HDMI	Supports HDMI 1.4a, max resolution 3840x2160@30Hz
DVI	no
Display Port	Supports DP 1.1a, max resolution 3840x2160@30Hz
Multi Display	Yes (Triple Display)

Ethernet

Interface	10/100/1000 Mbps
Controller	GbE LAN: 1x Realtek RTL 8111G
Connector	1 x RJ 45

SATA

Max Data Transfer Rate	SATA3 (6.0Gb/s)
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Rear I/O

VGA	0
HDMI	2
DVI-I/D	0
Display Port	1
Ethernet	1
USB	4 (3 x USB 3.0 compliant; 1 x USB 3.0 Type C)
Audio	1 (Mic-in, Line-out)
Serial	0
e-SATA	0
PS/2	0

Internal Connector

USB	0
LVDS/Inverter	0
VGA	0
Serial	0
SATA	1 x SATA3 (6.0Gb/s)
m-SATA	1
Mini-PCIe	1
Parallel	0
IrDA	0
GPIO	0
SATA PWR Output Con	1
Speaker Header	0

Watchdog Timer

Output	0
Interval	0

Power Requirements

Input PWR	12V DC-In (DC Jack)
Power On	ATX Supported -ATX: Press Button to PWR on after Power input ready

Environment

Operating Temperature	0°C – 60°C
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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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