

COM-601



Spotlight Features

- COM Express Compact Size
- Intel® Braswell SoC Processor
- Supports DDR3L 1333/1600MHz, 2 x SO-DIMM, up to 8GB system memory
- 3 x DDI channels, 1 x eDP channel
- 7 x PCIe x1 Lanes (1 for Intel I211AT GbE)
- 4 x USB SS, 8 x USB 2.0, 2 x SATA 3

Specifications

Processor System

Dimension	COM Express Compact Size 95x95mm (3.74-in x 3.74-in)
CPU	N3160, QC, 1.60 GHz, 6 W
Chipset	SoC

Expansion Slot

PCIe	7 x PCIe x1 Lane
Mini-PCIe	By Carrier Board
M.2	N/A
mSATA	By Carrier Board

Memory

Technology	DDR3L 1333/1600 MHz
Max	8GB
Socket	2 x SO-DIMM

Graphics

Controller	Intel® HD Graphics
VGA	N/A
LVDS	Supports max resolution up to 1920 x 1200@60Hz
eDP	N/A
HDMI	Supports max resolution up to 1920 x 1200
DVI	N/A
DisplayPort	Supports max resolution up to 2560 x 1600
Multi Display	Triple Display

Ethernet

Interface	10/100/1000 Mbps
Controller	1 x Intel I210 (By Carrier Board)

Rear I/O

VGA	1 (Shared with DP)
DVI	N/A
HDMI	1 (By Carrier Board)
DisplayPort	2 (By Carrier Board)
Ethernet	1 (By Carrier Board)
USB	4 x USB 3.0 (By Carrier Board)
Audio Jack	3 (Mic-in, Line-in, Line-out)
Serial	2
PS/2	1 (By Carrier Board)

Internal Connector

USB	2 x USB 2.0 (By Carrier Board)
LVDS	1 (By Carrier Board)
eDP	N/A
VGA	N/A
Serial	2 x TX/RX Only (By Carrier Board)
SATA	4 x SATA3 (By Carrier Board)
Parallel	1 (By Carrier Board)
GPIO	4 x GPI + 4 x GPO (By Carrier Board)
SATA PWR Output Con	1 (By Carrier Board)
Speaker Header	N/A
TPM	N/A

Watchdog Timer

Interval	1,2...255 Sec
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Power Requirements

Input PWR	By Carrier Board
Power On	By Carrier Board

Environment

Temperature	0°C–60°C
Storage Temperature	-40°C–85°C