ASRock®

COM-601

Spotlight Features

· COM Express Type 6 Compact Size

· Intel® Pentium/Celeron 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	Intel® Pentium/Celeron Braswell SoC Supports Hyper-Threading Technology Default N3160 Quad core 6W processor
Core Number	(By CPU, Max 4)
Max Speed	(By CPU)
L2 Cache	(By CPU)
Chipset	(By CPU)
BIOS	UEFI

Expansion Slot

PCIe	7 x PCIe x1 Lane
Mini PCIe	By Carrier Board
mSATA	By Carrier Board

Memory

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

Graphics

Controller	Intel® HD Graphics
VRAM	Shared Memory
VGA	N/A
LVDS	Supports Dual channel 24-bit co-lay with eDP, max resolution up to 1920 x 1200@60Hz
HDMI	Supports max resolution up to 1920 x 1200
DVI	N/A
DisplayPort	Supports max resolution up to 2560 x 1600
Multi Display	Yes

Ethernet

Interface	10/100/1000 Mbps
Controller	1 x Intel i210
Connector	By Carrier Board

SATA

Max Data Transfer Rate	SATA3 (6.0Gb/s)

Rear I/O

VGA	1 x DDI to VGA, By Carrier Board (Shared with DP)
DVI	0
HDMI	1 x DDI to HDMI, By Carrier Board
DisplayPort	2 x DDI to DP, By Carrier Board
Ethernet	1 x RJ45 for GbE, By Carrier Board
USB	4 x USB 3.0 Ports, By Carrier Board
Audio	1 x Line-Out, 1 x MIC-in, 1 x Line- In, By Carrier Board
Serial	2
PS/2	1 x PS/2, By Carrier Board

Internal Connector

USB	2 x USB 2.0, By Carrier Board
LVDS/inverter	1, By Carrier Board
VGA	0
Serial	2 (TX/RX Only), By Carrier Board
SATA	4, By Carrier Board
mPCIe	2, By Carrier Board
Parallel	1, By Carrier Board
mSATA	0
IrDA	0
GPIO	4 x GPI + 4 x GPO, By Carrier Board
SATA PWR Output Con	1, By Carrier Board
Speaker Header	0

Watchdog Timer

Interval	1,2...255 Sec

Power Requirements

Input PWR	By Carrier Board
Power On	By Carrier Board

Environment

Temperature	0ºC–60ºC