



COM-602

COM Express Motherboard

Spotlight Features

- Intel® Atom™ N4200 & Pentium™ and Celeron™ N Series Processors
- Supports Dual Channel DDR3L 1866 non-ECC up to 8GB
- 32G EMMC (optional)
- 1 x HDMI, 1 x Displayport, 1 x eDP, 1 x LVDS, 1 x VGA
- 2 x USB 3.0, 8 x USB 2.0, 2 x SATA3, 2 x COM
- 5 x PCIe x1, 1 x PCIe x4 Slot + 1 PCIe x1 (Optional), 1 x PCIe x1 (Giga Lan)
- 1 x Intel LAN i210IT, 1 x Intel LAN i210AT
- 1 x TPM Header
- ATX (Vin 4.75-20V, Vsb 4.75-5.25V)
- AT (Vin 4.75-20V)

Specifications

Processor System

Dimensions	COM Express (3.74-in x 3.74-in)
CPU	BGA1296 for Intel® Apollo Lake SoC
Chipset	N/A

Expansion Slot

PCIe	6 x PCIe x1 Lane
Mini-PCIe	N/A
M.2	N/A
mSATA	N/A

Memory

Technology	Dual Channel DDR3L 1866 MHz
Max	8GB
Socket	2 x SO-DIMM

Graphics

Controller	Intel® Gen9 Graphics DX 11/12, OGL4.3/4.4, support 2x DDI, 1x eDP
VGA	N/A
DVI	N/A
LVDS	N/A
HDMI	N/A
DisplayPort	N/A
Multi Display	Triple Display

Ethernet

Interface	10/100/1000 Mbps
Controller	1 x Intel® I210IT 1 x Intel® I210AT

Rear I/O

VGA	N/A
DVI	N/A
HDMI	N/A
DisplayPort	N/A
Ethernet	N/A
USB	N/A
Audio Jack	N/A
Serial	N/A
PS/2	N/A

Internal Connector

USB	2 x USB 3.0/ 8 x USB2.0
LVDS	N/A
eDP	N/A
VGA	N/A
Serial	2(RX/TX only)
SATA	2 x SATA3 (6.0 Gb/s)
Parallel	N/A
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	N/A
Speaker Header	N/A
TPM	Optional TPM2.0

Watchdog Timer

Output	From SoC to drag resetion
Interval	0 ~ 255 sec

Power Requirements

Input PWR	ATX (Vin 4.75-20V, Vsb 4.75-5.25V)
Power On	AT (Vin 4.75-20V)

Environment

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

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.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660