

# Giada IBC-961

## Multi-expansion Micro-ATX SBC

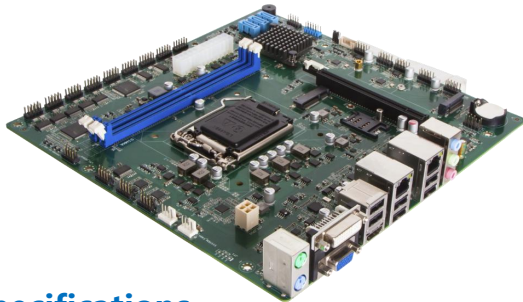
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4K

HDMI

14 x USB

12 x COM

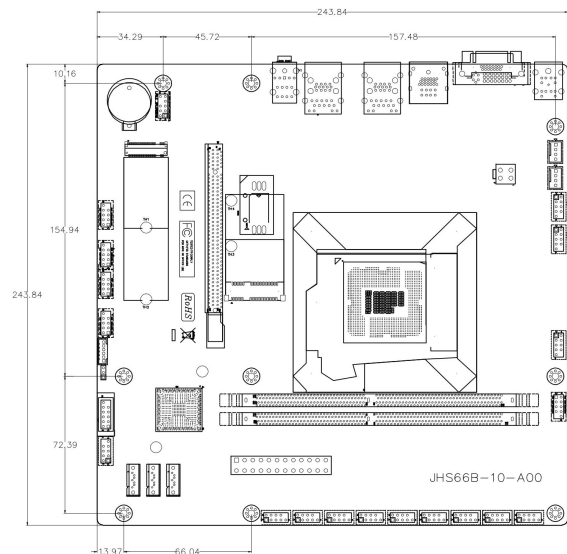
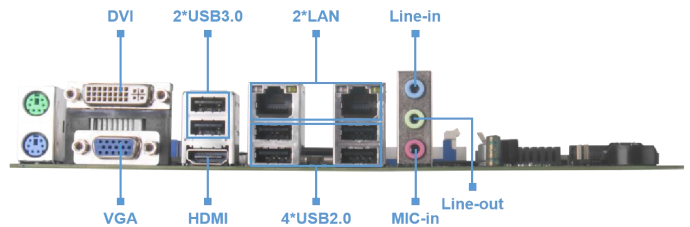


### Specifications

Process or	CPU	Intel® Pentium/Celeron Intel® LGA1151 6 <sup>th</sup> /7 <sup>th</sup> /8 <sup>th</sup> Gen.Processor
	Chipset	H310C
	BIOS	AMI Source Code
Memory	Type	2 x U-DIMM DDR4-2133MHz
	Max Size	32GB
Graphic	GPU	Intel® HD Graphics
	Graphic Engine	Direct x 12, OpenGL 4.5, OpenCL 1.2
	Display	1 x HDMI (Max. 4096 x 2304@60Hz) 1 x VGA (Max. 2048 x 1536@60Hz) 1 x DVI (Max. 2560 x 1600@60Hz)
Network	Controller	Intel® i211+i219
	Interface	2 x RJ45
Rear I/O	USB	2 x USB3.0(Support power API), 2 x USB2.0(Support power API), 2 x USB2.0
	Audio	1 x MIC-IN, 1 x LINE-IN, 1 x AUDIO-OUT
Internal I/O	USB	8 x USB 2.0
	Serial Port	12 x COM (10 x RS232, COM2 and COM3 support RS232/422/485 auto flow control)
	GPIO	8 x GPIO
	Mini-PCle	1 x full-size Mini-PCle for wifi/3G/4G/USB
	I2C	1 x I2C 1xSMBUS
	PCIe	1 x PCIe X16
	M.2	Support SATA and NVMe
SIM	1 x SIM Slot	
JAHC	WatchDog Timer	0~255 Second Time Out Support
	Auto Power On	Power Activated Automatically Start
	RTC	Set Up Independently Every day, Week as Cycle
Storage	SATA	3 x 2.5" SATA
	M.2	1 x M.2(2242/2280) for SSD
Operation System	Windows	Windows 7/8/10
	Linux	Ubuntu
Power	Power Type	ATX 24+4pin
PCB	Dimensions	243.8mm x 243.8mm
	Operating Temperature	0° C ~ 60° C (32 ~ 140° F)
	Storage Temperature	-40° C ~ 85° C (-40 ~ 185° F)
Environment	Relative Humidity	95% @40° C(non-condensing)

### Features

- Intel® Pentium/Celeron Intel® 6<sup>th</sup>/7<sup>th</sup>/8<sup>th</sup> Core Processors(TDP 65W)
- 2 x U-DIMM DDR4-2133MHz , up to 32GB
- 1 x HDMI2.0, 1 x VGA, Support DVI display
- 3 x SATA3.0, 1 x M.2(Support SATA and NVMe)
- 2 x USB3.0, 12 x USB2.0, 12 x COM
- 2 x RJ45, 1 x Mini-PCle for wifi/3G/4G



### Order Information

<b>IBC-961</b>	CPU: Intel® Pentium/Celeron Intel® LGA1151 6 <sup>th</sup> /7 <sup>th</sup> /8 <sup>th</sup> Gen.Processor 1 x HDMI2.0, 1 x VGA, 2 x USB3.0, 12 x USB2.0, 12 x COM, 2 x RJ45
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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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