G3-NNZ-1235U-G16
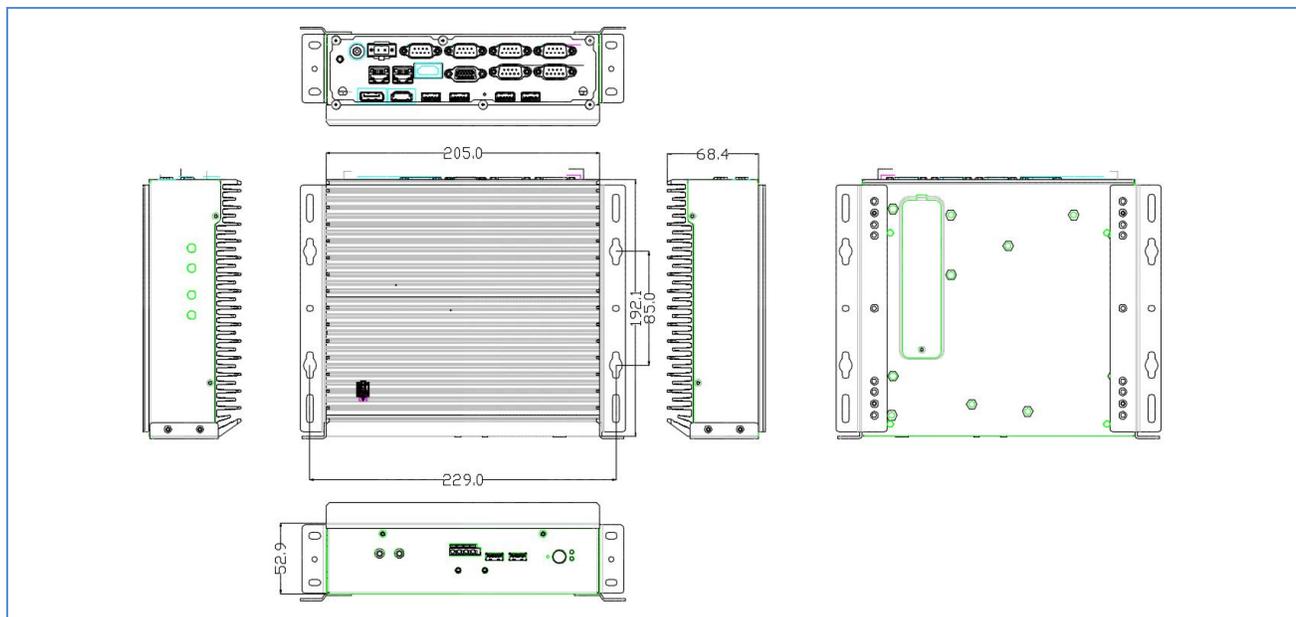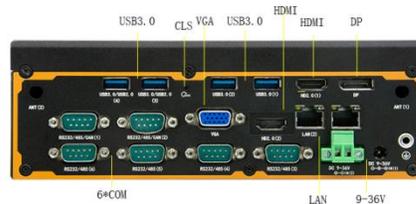

Engineering sample for reference

Features

- Intel® Core™ i5-1235U Processor
- 2*SODIMM DDR4 3200MHz, up to 64GB
- 2*HDMI2.0, 1*DP1.4, 1*VGA, support 4 display
- 2*Intel I210AT Gigabit Ethernet
- 6*RS232/RS485(2*CAN optional, need install CAN module)
- 2*USB3.0, 4*USB2.0
- DC 9~36V
- Fanless design

Model No.		G3-NNZ-1235U-G16
Chassis	Structure/Material	Fanless design, aluminum + metal
	Color	Black
	Dimension	205*192*68.4MM
	Net Weight	2.2KG
	Installation	Desktop/Wall-mount/DIN rail
CPU Board	CPU	Intel® Core™ i5-1235U Processor, 12M Cache, up to 4.40 GHz, with IPU
	Graphics	Intel®Iris Xe Graphics eligible
	Memory	2*SODIMM DDR4 3200MHz, up to 64GB
Front Panel Port	Button	1*Power button (PWR),　1* RST
	LED	1*Power LED,　1*HDD LED
	USB	2*USB2.0
	Audio	1*Line out,　1*Mic
	Phoenix	1*4P (1*power signal / 1*power LED signal)
Rear Panel Port	CMOS	1* clear CMOS button
	Display	2*HDMI2.0(4096*2304@60Hz),　1*DP1.4(4096*2304@60Hz),　1*VGA,　support 4*display
	COM	6*DB9 RS232/485 DB9；COM1~2 support CAN(need install mini PCIe CAN module)
	LAN	2*Intel I210AT Gigabit LAN port
	USB	4*USB3.0
	DIP Switch	6 groups 6-digit dip switch，for RS232/RS485 selection (dip switch on bottom of chassis)
	Power Port	1*DC adapter port, 1*2P phoenix connector (P=5.08mm), support DC 9~36V voltage input
Storage	SATA	1*2.5" SATA port
	MSATA	1*MSATA
	M.2	1*M.2/SSD,　support Key-M,　2280,　NVME PCIE x4 SSD
Expansion	MINIPCIE	1*MINIPCIE,　support WiFi / 4G
Power Supply	Power Type	External power adapter
	Voltage Input	DC 9-36V
	Consumption	AC TO DC > 60W
Environment	Operating Temp.	-10℃～50℃
	Storage Temp.	-20℃～70℃
	Relative Humidity	5%-95% relative humidity, non-condensing
	Vibration	0.5g rms/5-500HZ/random/operating

Dimension

Front IO View

Rear IO View

Accessory List

No.	Part No.	Description	Qty	Unit	Remark
1	03.02.N05-NFP37-11	Wall-mount bracket，L185*W38*T5mm	1	Set	Standard Configuration
2	03.02.N05-NF67G-00	Front bracket，L51.3*W12*H18mm	1	Set	Standard Configuration
3	03.03.J01-0H015-00	Power cable_L=1.5m	1	pcs	Optional
4	03.01.DC0-L090F-90	DC12V/7.5A/90W/power adapter connector 2.5/5.5	1	pcs	Optional
5	03.01.DC0-KPL60-60	DC12V/5A/60W/ power adapter connector 2.5/5.5	1	pcs	Optional
6	03.05.N73-50358-00	DIN Rail bracket 50*35*8mm	1	pcs	Optional