

Apollo Lake

DP HDMI

Dual WiFi

M.2



RoHS CE FCC CCC

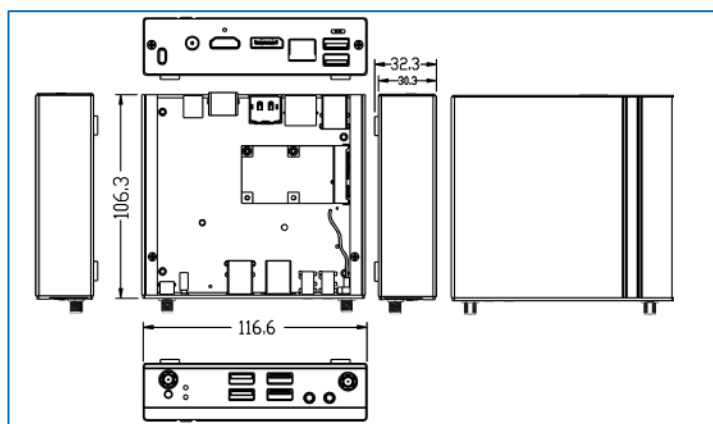
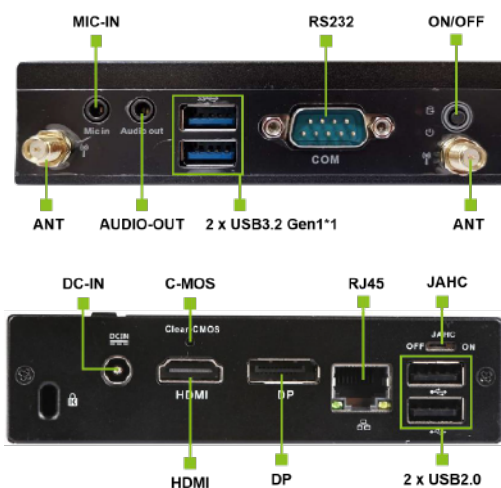
Features

- Intel® Apollo Lake Processors
- Onboard LPDDR4, 2GB Memory
- 1 x DP, 2 x HDMI, Supporting 4K Display
- 1 x MiniPCle for MSATA , Onboard eMMC 64GB
- 2 x USB3.0, 2 x USB2.0, 1 x RS232
- 1 x RJ45, 1 x M.2 (2230) for WiFi/BT, 2 x ANT

Specifications

Processor	CPU	Intel® Celeron N3350/N3450
	BIOS	AMI Source Code
	Chipset	SOC
Memory	Type	LPDDR4-2133MHz
	Socket	Onboard
	Size	2GB (Optional: 4GB)
Graphics	GPU	Intel® 9 Gen. Graphics
	Graphic Engine	DirectX 12.0,OpenGL 4.3,OpenCL 2.0
Network	interface	1 x HDMI (Max. 3840 x 2160@30Hz) 1 x DP(Max. 4096 x 2304@60Hz)
	Controller	Realtek RTL8111H Gigabit Ethernet
	Ethernet	1 x RJ45
I/O	USB	2 x USB3.2 Gen1, 2 x USB2.0
	Serial Port	1 x RS232
	Audio	1 x MIC-IN, 1 x AUDIO-OUT
	M.2	1 x M.2(2230) for WiFi/BT
Storage	Mini-PCle	1 x Full-size MiniPCle for mSATA
	eMMC	Onboard 32GB (Optional: 64GB)
JAHC	WatchDog Timer	0~255 Second Time Out Support
	Auto Power On	Automatic startup when powered on.
	RTC	Set Up Independently Every day, A Week as a Cycle
	Wake On LAN	Remote Real-time Wake-up
Operation System	Windows(Optional)	Windows 10 (64 bit)
	Linux	Ubuntu 18.04
Mechanical	Dimensions	116.6mm x 107.4mm x 30mm (4.59" x 4.23" x 1.18")
	Mounting (Optional)	Desk/ Wall Mounting and VESA Mounting Kit(NUC-JC530)
Power	Power Type	DC-IN
	Power Adapter	12V/2A
Environment	Operating Temperature	0°C ~ 40°C (32 °F ~ 104 °F)
	Relative Humidity	95% @ 40°C (non-condensing)
Certification	Certification	CE, FCC

Dimensions and Drawing



Ordering Information

VM23-F1-N335062E5G-GIA	CPU: Celeron N3350 RAM: Onboard DDR4 2GB eMMC: 32GB
VM23-F1-N345064E5G-GIA	CPU: Celeron N3450 RAM: Onboard DDR4 4GB eMMC: 32GB
Packing List	2 x WiFi Antenna, 1 x Drive Disk, 1 x User Manual 1 x AC Power Cable, 1 x AC Power Adapter
Optional Item	VESA Mounting Kit(JT NUC-JC530)