



Features

- ◆ Intel® Core i3-8145U Processors
- ◆ 2 x SO-DIMM DDR4, Up to 32GB
- ◆ 1 x DP, 2 x HDMI, Supporting 4K Display
- ◆ 1 x mSATA, 1 x M.2(2242/2280) for SSD
- ◆ 5 x USB3.1, 1 x RS232
- ◆ 1 x RJ45, 1 x Mini-PCIe for mSATA/WiFi/3G/4G, 1 x SIM Slot

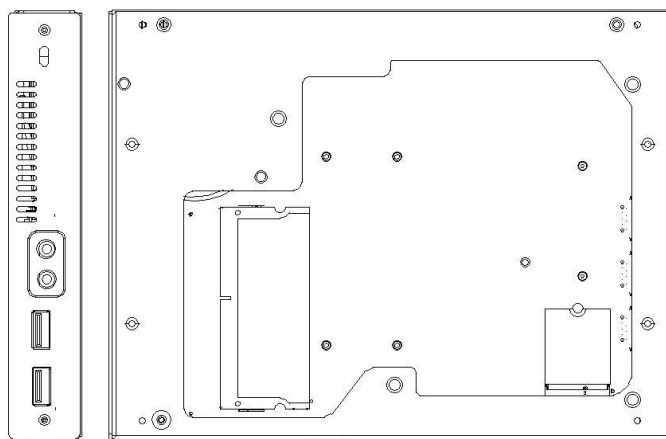
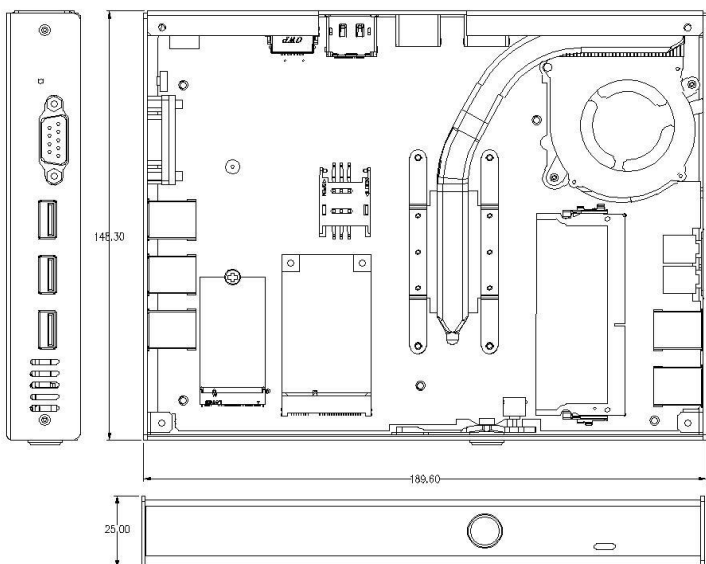
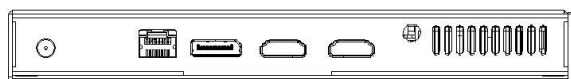
Specifications

RoHS CE FCC CCC

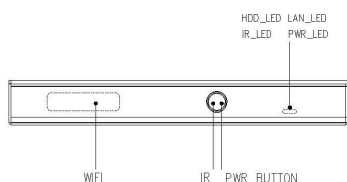
DD68-N1-8145U43M7G

		DD68-N1-8145U43M7G
Processor	CPU	Intel® Core i3-8145U
	Frequency	2.10 GHz (Up to 3.90 GHz)
	BIOS	AMI Source Code
	Chipset	SOC
Memory	Type	DDR4-2133MHz
	Socket	2 x SO-DIMM
	Max Size	32GB
Graphics	GPU	Intel® UHD Graphics 620
	Graphic Engine	Direct3D 2015, OpenGL 5.0, OpenCL 2.1
	DP	1 x DP (Max. 4096 x 2304 @60Hz)
	HDMI2.0	1 x HDMI (Max. 4096 x 2304 @60Hz)
	HDMI1.4	1 x HDMI (Max. 4096 x 2304 @24Hz)
Network	Controller	Realtek 8111F Gigabit Ethernet
	Interface	1 x RJ45
I/O	USB	5 x USB 3.1
	Display Interface	1 x DP, 2 x HDMI
	LAN	1 x RJ45
	Serial Port	1 x RS232
	Audio	1 x MIC-IN, 1 x AUDIO-OUT
	Mini-PCIe	1 x Full-size Mini-PCIe for mSATA/WiFi/3G/4G
	M.2 (2230)	1 x M.2 (2230) for WiFi
	M.2 (2242/2280)	1 x M.2 (2242/2280) for SSD
	SIM	1 x SIM Slot
	LED Indicators	1 x HDD LED, 1 x Power LED, 1 x IR LED
Storage	mSATA	1 x Full-size mSATA
	M.2	1 x M.2 (2242/2280) for SSD
JAHC Tech	WatchDog Timer	0~255 Second Time Out Support
	Auto Power On	Power Activated Automatically Start
	Remote Control	By IR Controller for Power On
	RTC	Set Up Independently Every day, A Week as a Cycle
	Wake On Lan	Yes
Operation System	Windows	Windows 10 (64-bit)
	Linux	Supported

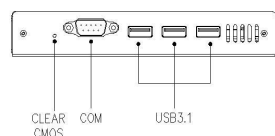
		DD68-N1-8145U43M7G
Power	Power Type	DC-IN
	Input Voltage	19V
Mechanical	Dimensions (W x D x H)	189.6mm x 148.3mm x 26mm
	Construction	Metal
	Mounting(Optional)	Desk/Wall Mounting and VESA Mounting Kit (JZ183)
	Color	Black
Environment	Operating Temperature	0°C ~ 40°C (32 F ~ 104 F) at 0.7m/s Air Flow
	Relative Humidity	95% @ 40°C (non-condensing)
Certification	Certification	CE, FCC Class B, CCC



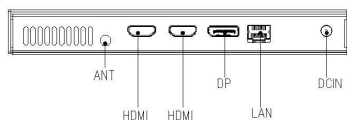
Front Panel
External I/O



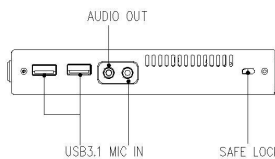
Left Panel
External I/O



Rear Panel
External I/O



Right Panel
External I/O



Order Information

Part Number	Intel CPU	RAM	DP	HDMI	GbE	RS232	USB	M.2	mSATA
DD68-N1-8145U43M7G	Core i3-8145U	DDR4	1	2	1	1	5 x USB 3.1	2	1

Packing List

Part Number	Description	Part Number	Description
-	1 x DD68	-	1 x Drive Disk
-	1 x User Manual	-	1 x AC Power Adapter
-	1 x AC Power Cable	-	1 x WiFi Antenna