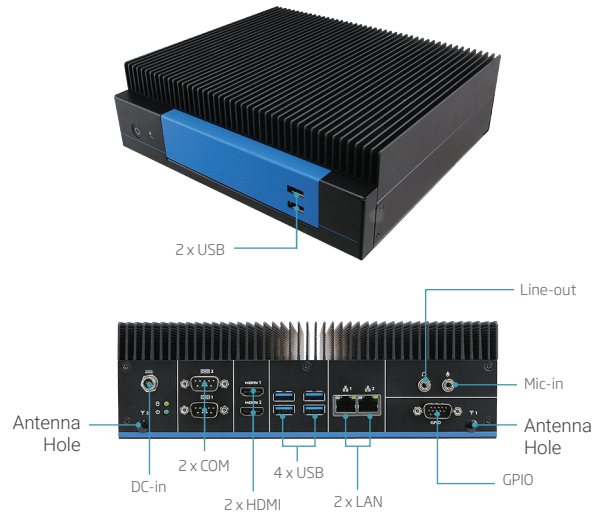


### Features

- 8th/9th Generation Intel® Processors (6-Core/8-Core)
- Intel® Q370/H310 Express Chipset
- Intel® UHD Graphics 630/610
- Intel® Gigabit LAN Controller
- Memory Max. Up to 32GB DDR4 2666
- mPCIe Expansion Slot (Max. Up to 2)
- -10~60C Operating Temperature
- Support RAID 0/1 (Q370 only)
- Support Firmware TPM 2.0
- Rich external I/O: 2 x COM, 2 x HDMI, 1 x GPIO, 2 x LAN, Mic-in, Line-out



### Specifications

System	
CPU	Intel® Core™ i7-8700T Processor (12M Cache, up to 4.00 GHz) Intel® Core™ i5-8500T Processor (9M Cache, up to 3.50 GHz) Intel® Core™ i3-8100T Processor (6M Cache, 3.10 GHz) Intel® Pentium® Gold G5400T (4M Cache, 3.10 GHz) Intel® Celeron® G4900T Processor (2M Cache, 2.90 GHz) Intel® Core™ i7-9700TE (12M Cache, up to 3.80 GHz) Intel® Core™ i5-9500TE Processor (9M Cache, up to 3.60 GHz) Intel® Core™ i3-9100TE Processor (6M Cache, up to 3.20 GHz)
System Chipset	Intel® Q370 Express Chipset Intel® H310 Express Chipset
System Memory	1 x 260-Pin SO-DIMM Socket, Max. Up to 32GB DDR4 2400/2666MHz
Audio	Realtek ALC892
Ethernet	LAN1: Intel® I211AT Gigabit Ethernet Controller LAN2: Intel® I219LM Gigabit Ethernet Controller
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring System Temperature, Voltage and FAN Status with Auto Throttling Control
TPM	TPM 2.0 (Firmware)
Expansion	1 x mPCIe Socket (Q370 w/PCIe/SATA/USB 2.0) (H310 w/SATA/USB2.0) 1 x mPCIe Socket (USB, Factory Option)
Storage	1 x mSATA, 2 x 2.5" Drive Bay (Internal)
OS Information	Win 10, Linux
External I/O	
Display	2 x HDMI
USB	2 x USB 2.0 4 x USB 3.2 (w/Q370 Gen. 2, w/H310 Gen. 1)
LAN	2 x RJ45
COM Port	2 x RS-232
GPIO	1 x GPIO
Audio	Mic-In & Line-Out
Antenna	2 x Antenna Mounting Hole
System Control	1 x Power on/off LED on front side

Display	
Chipset	Intel® UHD Graphics 630 (i7-8700T,i7-9700TE, i5-8500T,i5-9500TE, i3-8100T,i3-9100TE) Intel® UHD Graphics 610 (Pentium G5400T, Celeron G4900T)
Resolution	2 x HDMI 1.4: Max. Resolution 4096x2304@30Hz
Multiple Display	Dual Display
Power Requirement	
Power	+12V
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: AC-DC 120W Adapter
ACPI	Single Power ATX Support S0,S3, S4, S5 ACPI 5.0 Compliant
Power Type	AT/ATX (ATX is default setting)
Mechanical & Environment	
Operating Temp	With extended temperature peripherals:-10°C ~ 60°C (14°F ~ 140°F), with 0.5m/s air flow With extended temperature peripherals:-10°C ~ 50°C (14°F ~ 122°F), with 0.2m/s air flow
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Weight	6.9lbs (3.1kg) (System) / 11.9lbs (5.4kg) (w/Packing)
Construction	Aluminum + Metal
Mounting Kit	Wall Mount kit (Standard)
Dimension (L x W x H)	8.35" x 9.45" x 3.35" (212 x 240 x 85 mm)
Vibration Test	With SSD: 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With SSD: 50Grms, IEC 60068-2-27, Half Sine, 11ms
Drop	ISTA 2A, IEC-60068-2-32 Test : Ed
Certification Information	CE, FCC Class B

\* All product specifications and images are subject to change without notice. Last update: 2020/04/27

