

# Rugged Embedded Computer

Intel® Q370 Fanless Rugged System with Intel® 9th Generation Core™ i7/i9 Processor, 9V~36V DC-in, Wide Temp. -40 to 70°C



Extended  
Temperature  
+70°C  
-40°C

CPU Full Speed



- 9th & 8th Gen Intel® Coffee Lake LGA1151 Socket Processor
- Intel® Q370 Chipset
- DDR4 2666 MHz, 2x 260-pin SO-DIMM, Max 64GB (Non-ECC)
- 4 x USB3.0, 2x DP1.2, 1x HDMI, 2 x LAN, 1 x Line-out/Mic
- 2 x 2.5" SATA HDD/ SSD Easy Swap Tray
- 4 x COM Ports (2xRS232; 2xRS232/422/485)
- Wide range DC-Input 9V~36V DC
- Extended Operating Temperature -40 to 70°C

**ROC386B**

**Specifications**

**SYSTEM**

CPU	9th & 8th Gen Intel® Coffee Lake LGA1151 Socket Processor Core i9-9900T (8core/35W) Core i7-9700TE (8core/35W) Core i5-9500TE (6core /35W)
Chipset	Intel® Q370 Chipset
GPU	Intel HD Graphics
Memory type	2 x DDR4 SO DIMM up to 64 GB
Storage Device	2 x SATAIII, 2.5" SSD
Ethernet Chipset	Intel I219 LM Giga LAN + Intel I210 AT Giga LAN

**REAR I/O**

Display	1 x HDMI 1.4, 2 x DisplayPort 1.2
LAN	2 x RJ45
Audio	1 x Mic in ,1 x Line out
USB	4 x USB 3.1 Gen. 2 (10Gb/S)
Antenna Hole	2

**FRONT I/O**

SSD Tray	2 x Easy Swap SSD Tray
Power Button	1 x Power Button w/indicator LED
DC-IN	9V~36V
COM	2xRS232; 2xRS232/422/485

**APPLICATIONS, OPERATING SYSTEM**

Applications	Energy/Smart Grid/Power Plant Management, Intelligent Automation and manufacturing applications
Operating System	Windows 10 64Bit, Windows server 2012 r2, Windows server 2016 Ubuntu13.04, Ubuntu13.10, Ubuntu14.04, Fedora20

## PHYSICAL

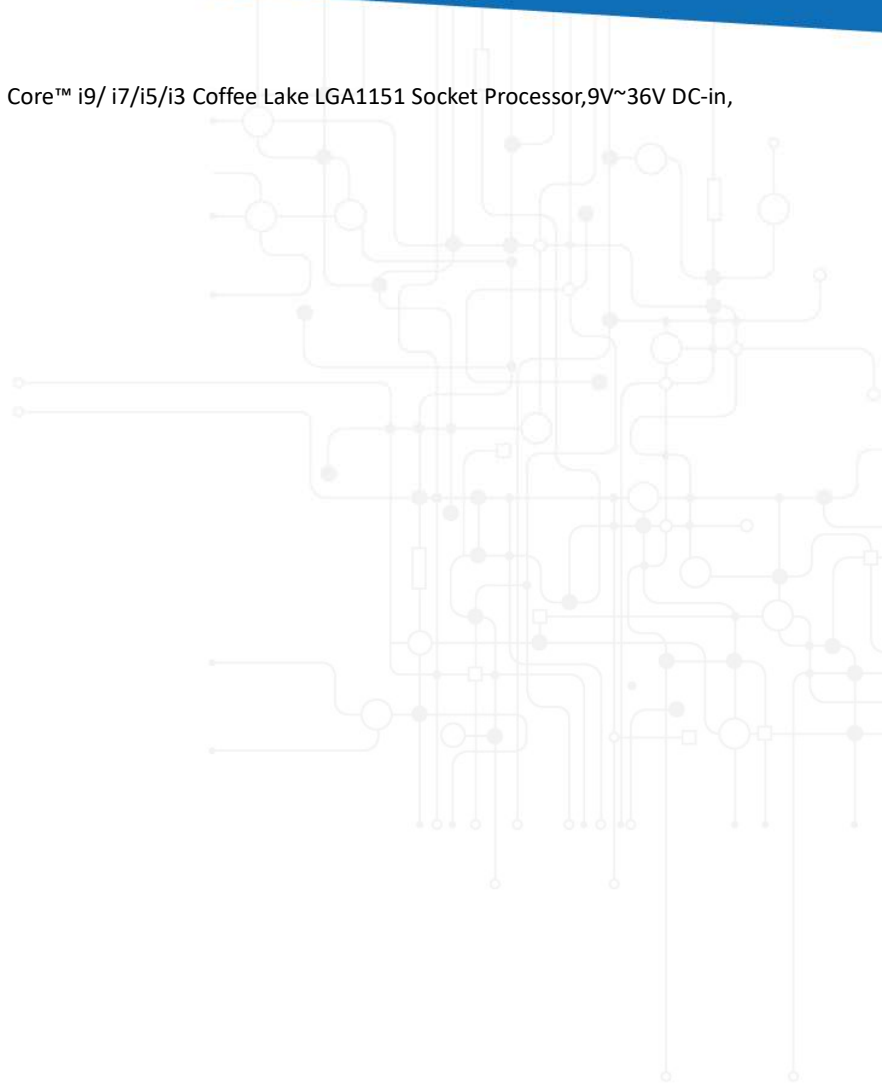
Dimension	237 x 293 x 88 mm (W x D x H)
Weight	5.56 Kg
Chassis	SECC
Heatsink	Aluminum Alloy, Corrosion Resistant
Finish	Anodic aluminum oxide

## ENVIRONMENTAL

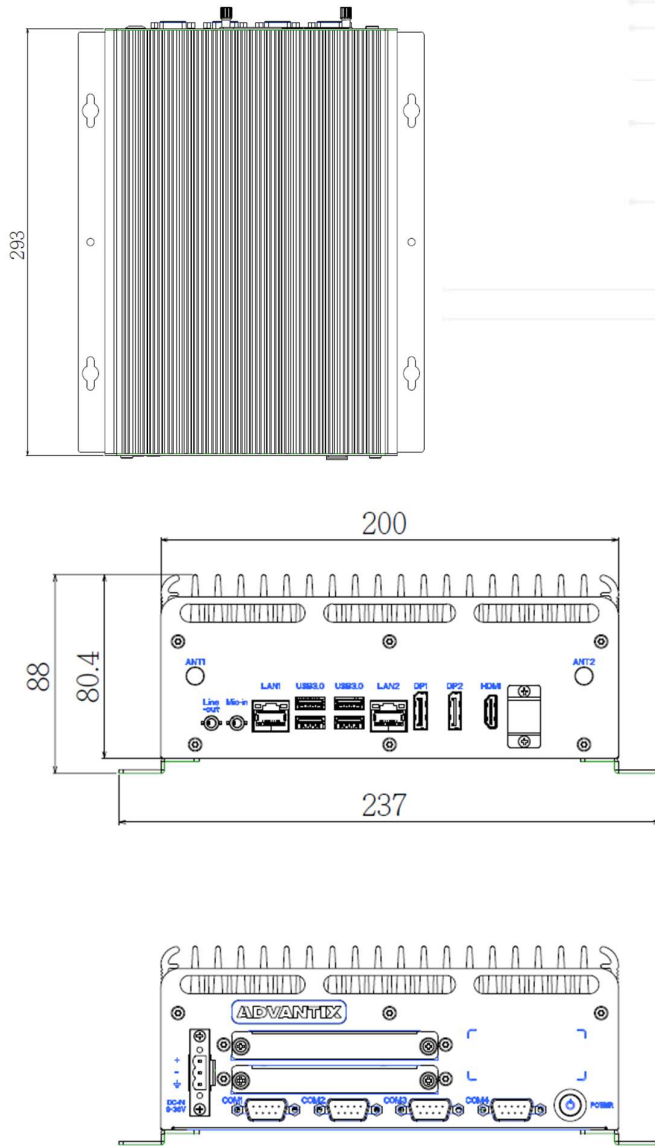
Compliance	MIL-STD-810G, CE and FCC, RoHS
Operating Temp.	-40 to 70°C
Storage Temp.	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing

## Ordering Information

Intel® Q370 Fanless Rugged System with Intel® Core™ i9/ i7/i5/i3 Coffee Lake LGA1151 Socket Processor, 9V~36V DC-in,  
Wide Temp. -40 to 70°C



## Dimension



## ROC386B-UT

Intel® Q370 Fanless Rugged System with Intel® 9th Generation Core™ i7 Processor, 9V~36V DC-in, Wide Temp. -40 to 70°C