

11th Gen Cubic Box PC

Features

- Fanless solution and compact housing
- Wide temperature : -20~ 60°C
- 11th Gen Intel® Core™ i3 1115GRE/ i7 1185GRE Processors
- 4 x USB 3.2, 2 x USB 2.0, 4 x RS232 / RS422 / RS485,
- 2 x GLAN, 1 x HDMI, 1 x DP
- 1 x M.2 M Key, 1 x M.2 B Key, 1 x M.2 E key.
- GPIO 16 bits
- Wall Mount / DIN Rail installation
- IIoT gateway



Specifications

Model No.	QB107/109WD	QB1107/109WW
System		
CPU	11th Gen Intel® IoTG Mobile Tiger lake Core™ i3 1115GRE (107) / i5 1145GRE (108) / i7 1185GRE (109) CPU	
Memory	2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB	
H/W Monitor		
H/W Monitor	Watch Dog Timer 256 Level	
TPM		
Controller	Infineon SLB9670VQ2.0	
Front Panel		
Power LED	1	
HDD LED	1	
I/O Ports		
USB 3.2	4	
USB 2.0	2	
RS232 / RS422 / RS485	4	
GLAN	2	
HDMI	1	
DP	1	
GPIO	16 bits (8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors	
Storage		
Storage	1 x SATA 3.0	
Expansion		
M.2	1 x M.2 M Key(PCI e Gen x 4 NVMe) 2280 1 x M.2 B Key (PCI e x 1 USB 2.0 with NANO SIM Holder, SATA 3.0) 2242 / 3042 1 x M.2 E Key (PCI e x 1 USB 2.0) 2230	
Power Requirement		
Power Requirement	2 Pin power terminal block for DC in 12 ~ 24V (OCP & OVP)	
OS support		
OS support	Win Pro 10 / Win 10 IoT (64 bit RS5) / Linux kernel 5.4 Ubuntu LTS	
Mechanical & Environmental		
Operation Temp.	-20~60°C	



Storage Humidity	10 ~ 90%, non-condensing	
Mounting	DIN Rail	Wall mount
Construction	Aluminum heatsink + Steel chassis	
Dimension (W x D x H)	185 x 109 x 76 mm	
Weight	1.3Kg	
Optional		
P/N: 2390000003	External antenna (WIFI)	
P/N: 3121700002	External antenna (5GB LTE module)	
**Specifications are subject to change without notice.		

Ordering Information

DIN Rail installation

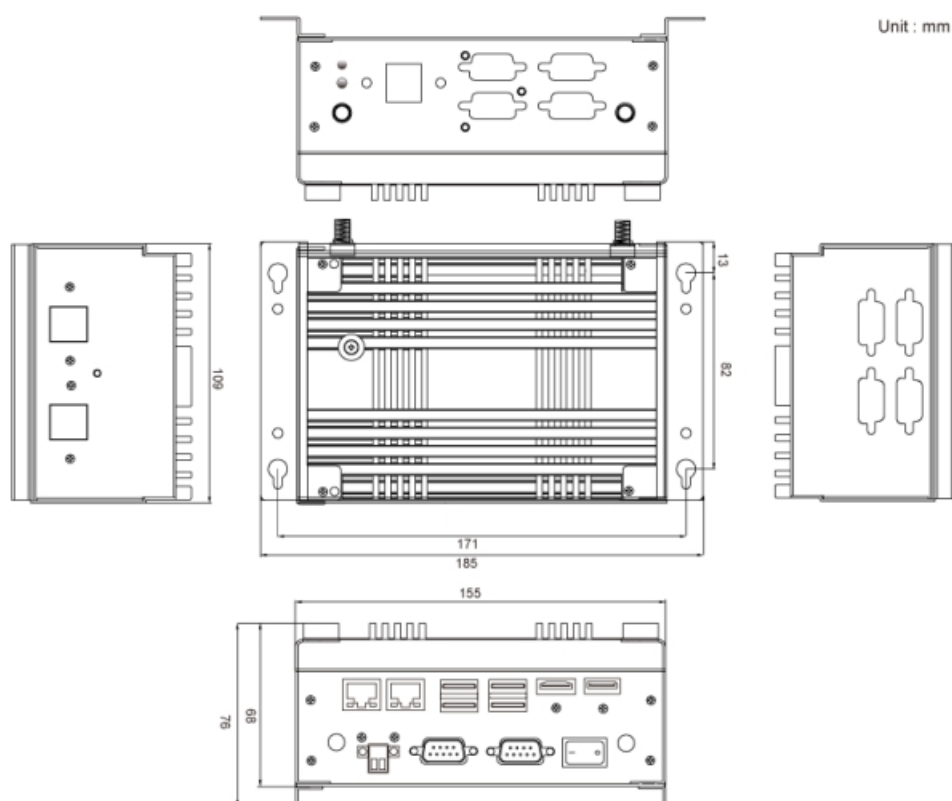
QB107WD04128	Fanless wide temperature DIN Rail Box PC, Intel i3 1115GRE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, 1 x DC in external power adapter
QB109WD04128	Fanless wide temperature DIN Rail Box PC, Intel i7 1185GRE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, 1 x DC in external power adapter

Wall Mount installation

QB107WW04128	Fanless wide temperature Wall Mount Box PC, Intel i3 1115GRE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, 1 x DC in external power adapter
QB109WW04128	Fanless wide temperature Wall Mount Box PC, Intel i7 1185GRE, 4GB DDR 4 So-DIMM, M.2 128GB SSD, 1 x DC in external power adapter

Dimension

- QB107/109WD



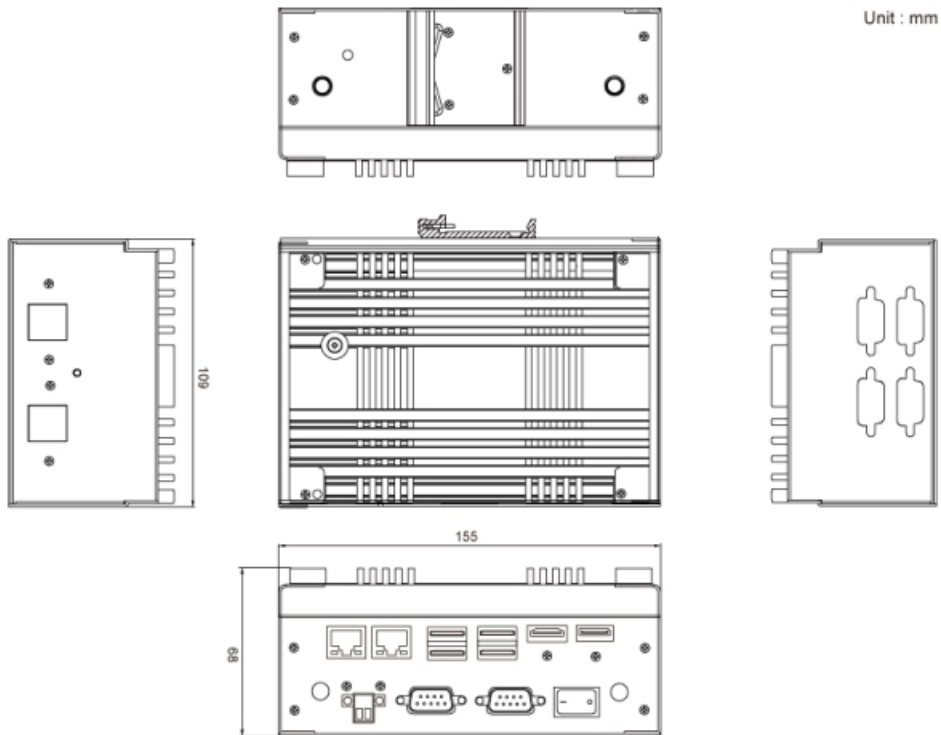
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