

M60-S

Industrial Fanless Embedded PC for Marine

M60-S is fanless all sealed embedded PC. Adopting new Intel® high performance i7 processor, with compact size and high speed processing capacity, it can be applied at maritime management, surveillance, learning, Radar, bridge, brocasting and etc.



- Fanless/Sealed/Semi-rugged
- Onboard Intel® 7th Gen i7 CPU
- Wide range 9~36VDC power supply
- Isolated GPIO supported
- Three independent display
- Overall conformal coating, Anti-mold/salt frog/moist
- Lot of COM ports, high expansion capacity
- -25~55°C/-40~60°C optional

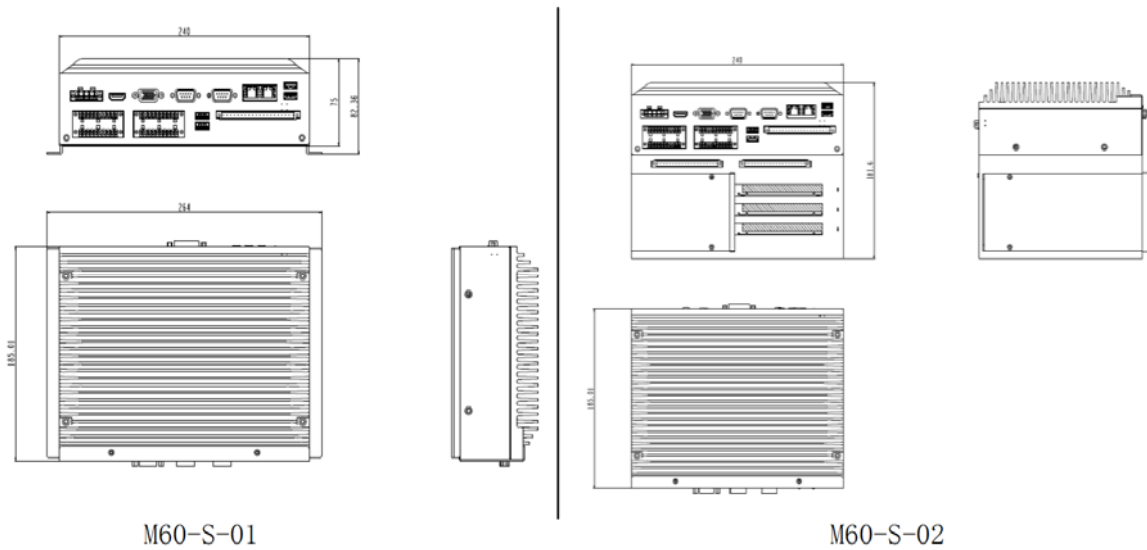
Specifications

Config	CPU	Intel® 7th Gen Core® i7-7700T 2.9GHz 4C8T/35W
	Chipset	Intel® H170
	Memory	8G DDR4 2133MHz SO-DIMM support up to 32GB
Storage	SATA	2*SATA bay 1*Cfast slot 1*mSATA
I/O	USB	Front: 2*USB 2.0 Rear: 2*USB 3.0 ; 2*USB 2.0
	PS/2	Front: 1*PS/2 KB/MC
	COM	M60-S-01: 4*COM, including 3*RS232, 1*RS422 M60-S-02: 12*COM, including 3*RS232, 9*RS422 All phoenix terminal block
	LAN	2*10/100/1000Mbps RJ45
	Mini PCIe	1, support WIFI
	4G	Full standard 4G module socket (mSATA)
	Display	Front: 1*DVI-D Rear: 1*VGA, 1*HDMI



	GPIO	Isolated 8*DI/8*DO
Expansion	PCIE	M60-S-02: 1*PCIEx16 Ver3.0
	PCI	M60-s-02: 2*PCI Ver 2.3, Support 113mm high and 182mm long
Mechanical	Vibration	IEC60945: 2Hz-13.2Hz amplitude: 1mm, 13.2Hz-100Hz acceleration: 0.7g Triaxial, each 30min, pass
	Shock	20G/11ms, half sine wave, triaxial each 3times, pass
	Reliability	MTBF ≥ 20000H
	MTRR	MTTR ≤ 0.5H
EMC		Meet IEC60945
Working temperature		-25~55℃ -40~60℃ (optional)
Storage environment		-40~70℃
Color		Black
Steady damp-heat		40℃ 95%RH
Power		9~36VDC phoenix terminal block
OS		Support Win7, Win10, Linux
Dimension (W*H*D)		M60-S-01: 240*185*75 mm M60-S-02: 240*185*181 mm

Dimension



Unit:mm

Ordering Information

Part Number	Model Number	Description
0020-062321	M60-S-01	Intel® H170/i7-7700T/8G DDR4/4*USB 2.0/2*USB 3.0/1*VGA/1*DVI-D/1*HDMI/ 3*RS232/1*RS422/2*LAN/1*Audio/1*Cfast/1*mSATA/9~36VDC
0020-062331	M60-S-02	Intel® H170/i7-7700T/8G DDR4/4*USB 2.0/2*USB 3.0/1*VGA/1*DVI-D/1*HDMI/ 3*RS232/9*RS422/2*LAN/1*Audio/1*Cfast/1*mSATA/1*PCIEx16/2*PCI/9~36VDC