

SBOX-100-QM87

Maritime Embedded System

Features



- » Fanless marine computer with 4th Generation Intel® Core™ i5 dual-core processor
- » -15°C ~ +55°C wide temperature
- » Isolation protection
 - 4 x RS-232/422/485 isolated serial ports
 - Isolated 18 V~36 V DC input
 - 2 x Isolated CAN-bus 2.0B
- » 2 x 2.5" SSD bay with RAID 0/1 function
- » Supports IEI iRIS-2400 (IPMI 2.0 compliant)

Specifications

| Form factor | |
|-----------------------------|--|
| SBC Form Factor | CPU: Intel® mobile Core™ i5-4400E (2.7 GHz, 37W) |
| | Chipset: Intel® QM87 |
| | System Memory: 2 x 204-pin DDR3 SO-DIMM slot |
| | (system max. 16 GB) |
| | Pre-installed 4 GB DDR3 SO-DIMM |
| I/O Interface | |
| I/O Ports | 1 x PS2 (KB/MS) |
| | 2 x USB3.0 |
| | 2 x USB2.0 |
| | 2 x RJ-45 with teaming support |
| | 1 x PCIe GbE by Intel® I217LM |
| | 1 x PCIe GbE by Intel® I210-AT |
| | (2 with 2 kV isolation) |
| | 1 x DB-9 (non-isolated) |
| | 4 x RS-232/422/485 (with 2.5 kV isolation) |
| | 2 x CAN-bus (with 2.5 kV isolation) |
| | 1 x VGA |
| | 1 x DVI-D |
| | 1 x HDMI |
| | 1 x Line-out, 1 x Line-in, 1 x Mic-in |
| | 2 x Antenna SMA hole (reserved) |
| Expansion Slots | |
| Expansion Slots | 2 x Full size |
| System | |
| Cooling method / System Fan | Fanless |
| Drive Bays | 2 x 2.5" SATA 6Gb/s SSD bay with |
| | RAID 0/1 function |
| Indicator&Buttons | |

| | |
|-----------------------|---|
| Indicators | Power (power on: green, power off: orange), storage (red, blinking), IPMI (blue) |
| Color | |
| Color | Black |
| Dimensions | |
| Dimensions | 290 x 75 x 225 |
| Weight | |
| Weight | 4.08 kg / 6.03 kg |
| Environment | |
| Operating Temperature | -15°C ~ 55°C with air flow |
| Humidity | 5% ~ 95%, non-condensing |

Ordering Information

| | |
|--------------------------|--|
| SBOX-100-QM87i-i5/4G-R10 | Fanless marine computer with Intel® Mobile Core™ i5-4400E 2.7GHz Processor ,DDR3 4GB, iRIS-2400 supported, isolated 18~36V DC, R10 |
|--------------------------|--|

Packing List

| | |
|-----------------------------|----------------|
| 1 x User manual | 1 x PS/2 cable |
| 1 x Rubber pad & screw pack | |