

SYS-2U2000-MR01E

**EN60945 Compliant
2U System for Maritime
Applications**



Features

- EN60945 Compliant
- Intel® Q87 Platform
 - 4th Gen Intel® Core™ i (LGA1150)
- Expansion Capability
 - 5 PCIe expansion slots
- Thoughtful and Management Design
 - Rich I/O interfaces
 - Triple display support
 - Fan-based thermal management
 - Lockable front door prevents Tampering
 - System alarm notification by front LED indicators

Software APIs:



Watchdog



H/W Monitor



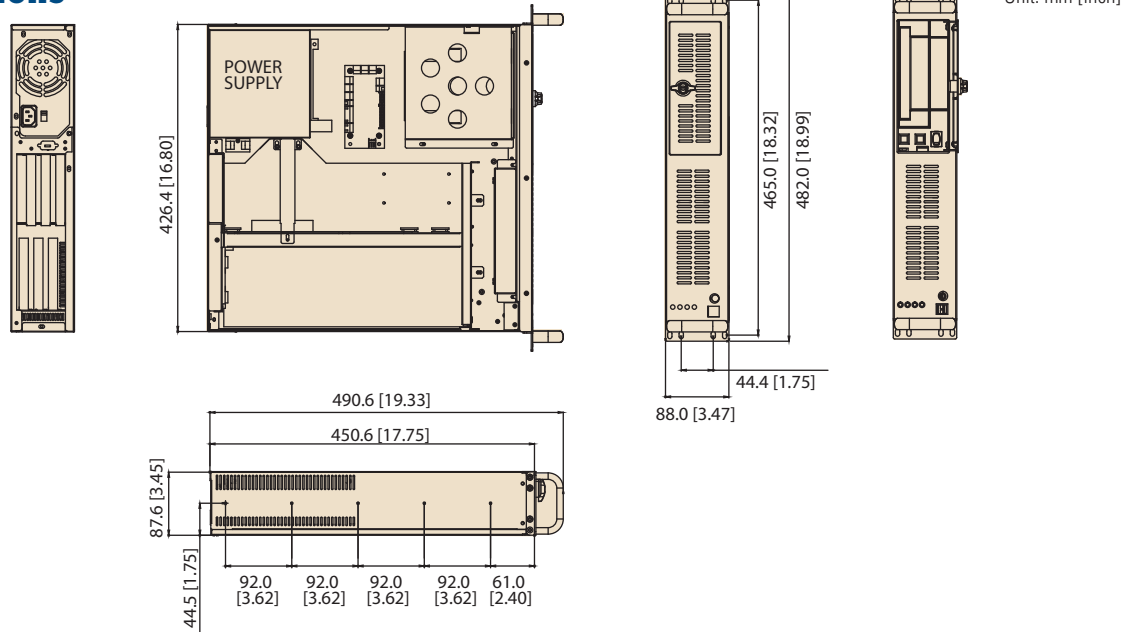
GPIO



Specifications

Processor System	CPU	Intel® Core i7/i5i3 LGA1150 Processors
	BIOS	AMI 128 Mbit SPI
	System Chipset	Intel Q87
	Memory Type	DDR3 1333/1600 MHz, up to 16GB
	Power Supply	400W SPS Power Supply AC 100-240V
Expansion Slot	PCIe x1	4
	PCIe x16	1
Storage	Slim Optical Disk Drive	1
	3.5"(Front-accessible)	2
Front I/O Interface	LED indicators	PWR, HDD, Fan, Temperature
	PS/2	1
	USB	2 x USB 2.0
	Control	PWR ON/OFF, System Reset Switch, Alarm Reset Switch
Rear I/O	USB	1 USB 3.0
	VGA	1
	Ethernet	2 x RJ-45
	PS/2	1
Internal Connector	USB	9 x USB 2.0, 2 x USB 3.0
	SATA	6
	DVI-D pin header	2
	COM	2
	Parallel	1
	IrDA	1
	GPIO	8-bit
Graphics	Controller	Intel HD Graphics
	VRAM	Shared system memory
Ethernet	Controller	LAN 1: Intel I217LM LAN 2: Intel I211AT
	Interface	10/100/1000 Mbps
Cooling	Chassis FAN	2 (8 cm / 47 CFM each)
Mechanical & Environmental	Operating Temperature	0° C to 40° C (32° F to 113° F)
	Operating Humidity	10% to 85% @ 40° C relative humidity, non-condensing
	Vibration	0.5 Grms
	Size (W x H x D)	482 x 88 x 451 mm (19" x 3.5" x 17.8")
	Weight	15kg

Dimensions



System Content

Part Number	Description
ACP-2000EBP-00BE	2U 6-slot Rackmount Chassis with front USB and PS/2 interfaces
XSCH-B001120414	PS/2 A/D 100-240V 400W ATX
PCE-5128G2-00A1E	LGA1150 Intel Q87 Core i7/i5/i3/Pentium SHB DDR3/SATA III/USB 3.0/Dual GbE/3 Displays
PCE-5B06V-00A1E	6slot PICMG1.3 BP,1PClex16,4PClex1,Btrfly RoHS
1960047670N001	Cooler I-LGA1156 S-95W 120X120X77-PP 12V0.4A 50° C

Front View



Inside View

