Pelagic Systems

Voyager II

Fanless, powerful,
mini-Marine PC

Rugged Features

Electronics	All solid state - **no internal moving parts** – with SSD option, all sockets & cable connectors are either phyisically latched or silicon glued, PCB's conformally coated.
Case	Rugged All Aluminium case, no vent holes
Cooling	Internal heat conductor, external case heat emission, fanless, no ambient air internal circulation, no external venting.
Mounting	Full independent vibration/shock mount system

System

Processor	Intel® Sandy Bridge Core i7 2677M
Chipset	HM67 Chipset
Main Memory	4 GB DDR3 RAM
Storage Memory	320GB conventional disc, solid state disc options
I/O Interface-Front	Power on/off switch (remote power supported)
I/O Interface-Rear	4x USB 2.0 (Serial data)
	2 xRS232/422/485 (Serial data)
	1 xRS422/485 (Serial data)
	1 x VGA (Monitor Port)
	1 x HDMI (Monitor Port)
	2 x RJ45 10/100/1000Mbps Ethernet (RADAR & Network ports)
	1 x Audio / 1 x MIC In
DC Power Supply	8.0 ~ 28.0v DC wide voltage range direct supply
Dimensions	287mm (W) x 188mm (D) x 75mm (H) (including shock mount)
Construction	All aluminum fanless chassis, non-venting design
Environment:	
Operating temperature	Ambient with air flow: -10°C to 60°C (to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
Storage temperature	-20°C ~ 60°C
Relative humidity	10% to 93% (Non-condensing)
Anti-Vibration	5Hz~500Hz/1Grms/3Axis
Anti-Shock	15G, 11ms Duration
Supported OS	Microsoft® Windows® XP/ Windows® 7

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