

Pelagic Systems

Voyager IIF

Fanless, powerful,
mini-Marine PC



Rugged Features

Electronics	All solid state - no internal moving parts , all sockets & cable connectors are either physically latched or silicon glued, PCB's conformally coated.
Case	Rugged All Aluminium case with stainless steel backplate, 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® Haswell Core i7-4765T Quad 2.0~3.0 GHz, 8M Cache
Graphics	Intel HD Graphics 4600 with triple independent ports
Main Memory	8 GB DDR3 RAM
Storage Memory	256GB SOLID STATE DISC
I/O Interface-Front	Power on/off switch (remote power switch supported)
I/O Interface-Rear	6 x USB 2.0 (GPS, Sensor & NMEA2000 I/O) 6 x RS232 (NMEA 0183, other serial & legacy I/O) 1 x VGA (Monitor Port) 1 x DVI (Monitor Port) 1 x HDMI (Monitor Port) 2 x RJ45 10/100/1000Mbps Ethernet (RADAR & Network ports) 1 x Audio
DC Power Supply	6.0 ~ 34.0v DC wide voltage range direct supply
Dimensions	287mm (W) x 188mm (D) x 90mm (H) (including shock mount)
Construction	All aluminum fanless chassis with stainless steel backplate, 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 ~ 80°C
Relative humidity	10% to 93% (Non-condensing)
Anti-Vibration	5Hz~500Hz/1Grms/3Axis
Anti-Shock	15G, 11ms Duration
Supported OS	Microsoft Windows 7
Applications	Nobeltec Trident, MaxSea, TimeZero, NavNet
Certifications	CE

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