



KONGSBERG

MP5810



Marine computer

The MP5810 marine computer is used in a wide range of operator stations from Kongsberg Maritime. The MP5810 comprises the following models:

- MP5810 Base model
- MP5810 2-Display model
- MP5810 4-Display model
- MP5810 8-channel serial line
- MP5810 Dual LAN/CAN model
- MP5810 FMS Server model
- MP5810 Extended Storage
- MP5810 K-Chief 500 model
- MP5810 K-Chief 600 model
- MP5810 Matrox Extio model
- MP5810 NAV RoLAN model
- MP5810 NAV model
- MP5810 RMS/Oil & Gas model
- MP5810 Fishery Model SIS4
- MP5810 Fishery Model SIS5
- MP5810 LAN/CAN + 2-display model
- MP5810 Load Calculator model
- MP5810 Connected vessel
- MP5810 Sonar model
- MP5810 SMCS Client model
- MP5810 SMCS Server model

TYPE APPROVAL

- Type approved by ABS, BV, CCS, DNV, GL, KR, LR, NKK, PRS and RINA
- Tested against IACS Unified Requirements E10 and IEC 60945.

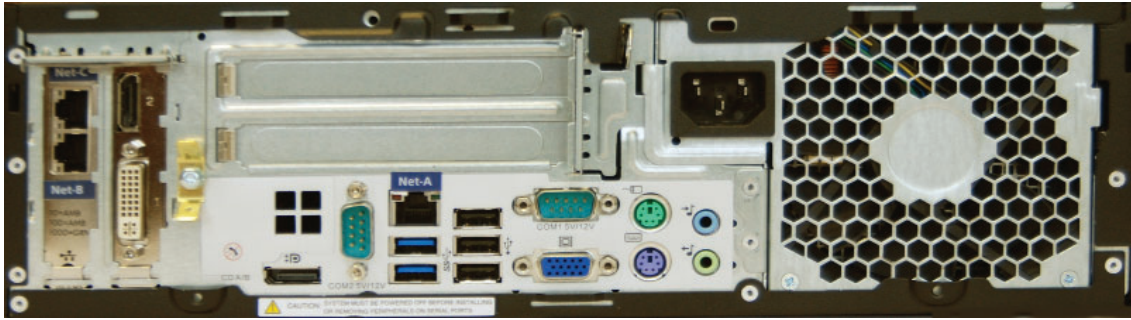
Features

The MP5810 is built around a high-performance CPU running Microsoft® Windows XP™, Microsoft® Windows 7™, Microsoft® Windows 10™, Server 2008 R2/2012 R2/2016 and VM-ware esxi.

The computer can be installed in a Kongsberg Maritime or in a third-party operator station console using a specific mounting kit.

The different MP5810 models have their own combination of interface cards.

MP5810 Base model connection, rear side



TECHNICAL DATA

CPU	Intel Core i3 – 4150 3.5 GHz 3 MB HD 4400 Intel Core i5 – 4570S 2.9 GHz 6 MB HD 4600 Intel Core i7 – 4770S 3.1 GHz 8 MB HD 4600
Memory	8 to 32 GB DDR3-1600 DIMM depending on model
Storage	128/256 GB SSD Hard Disk Drive 2 x 2.5" 1TB SATA (Extended storage, Fishery and Connected Vessel models)
Optical drive	SATA DVD±RW SuperMulti optical, 16X speed (NAV models)
Slots	1 x low-profile PCIe x 16 1 x low-profile PCIe x 4 2 x full-height expansion cards (PCI or PCIe x1)
Dimensions	338 x 379 x 100 mm
Weight	Approx. 7.0 kg
Voltage	100/240 VAC (Autosense)
Power consump. max	240 W
Connections (all models)	2 x COM serial ports 5 x USB 2.0 2 x USB 3.0 RJ45 network interface Display port VGA graphics port Audio in Audio out 2 x PS/2 ports
Network cards	Single: HP Broadcom Gigabit Ethernet PCIe Dual: HP NC361T Dual Gb Ethernet Card Quad: HP NC365T Quad Gb Ethernet Card
Graphic cards	NVIDIA NVS 310 PCIe x1 (2-display) Matrox M9148 LP PCIe x16 (4-display) NVIDIA Quadro K620 (NAV RoLAN, 8-channel serial line and RMS/Oil & Gas models) Matrox Extio Fiber Interface Card Matrox Extio F2408 (Matrox Extio model)
Serial cards	BlueStorm 8-port RS232 or RS422/485 FH surge DB09M cable (8-channel serial line, Fishery models) Moxa 8-port RS322/422/485 with CBL-M68M25x8-100 cable (RMS/Oil&Gas model)

