

MP5810



KONGSBERG



MP5810 MARINE COMPUTER

The MP5810 maritime computer is used in a wide range of operator stations from Kongsberg Maritime.

The MP5810 is built around a high-performance CPU running Microsoft® Windows XP™ or Microsoft® Windows 7™. The application software is stored on an SSD.

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 its own combination of interface cards.

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.

MP5810 MODELS

• MP5810 Base model	406283
• MP5810 2-Display model	406307
• MP5810 4-Display model	406306
• MP5810 HiPAP model	406311
• MP5810 Dual LAN/CAN model	406309
• MP5810 FMS Server model	406284
• MP5810 HS/DP Recorder 500 model	406303
• MP5810 K-Chief 500 model	406301
• MP5810 K-Chief 600 model	406280
• MP5810 Malware Protection model	406286
• MP5810 Matrox Extio model	406308
• MP5810 NAV RoLAN model	406285
• MP5810 NAV RIC2 model	406287
• MP5810 RMS/Oil & Gas model	406288
• MP5810 Fishery model	406298
• MP5810 Dual LAN/CAN + 2-Display model	406310
• MP5810 HWS Umap Extended Edition model	418408
• MP5810 Load Calculator model	421513

TECHNICAL SPECIFICATIONS

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

2 x 4 GB DDR3-1600 DIMM
 4 x 4 GB DDR3-1600 DIMM
 (Fishery, HiPAP and Load Calculator models)

Storage

HP 128 GB SATA 2.5 x/ca SSD
 Hard Disk Drive 2.5" 1TB SATA
 (HS/DP Recorder 500 and Fishery models)

Optical drive

SATA DVD±RW SuperMulti optical,
 16X speed (NAV models)

Slots

1 x low-profile PCIe x16
 1 x low-profile PCIe x4
 2 x full-height expansion cards
 (PCIe or PCI)

Dimensions

338 x 379 x 100 mm

Weight

Approx. 7.0 kg

Voltage

100/240 VAC (Autosense)

Power consumption

240 W

Connections (all models)

2 x COM serial ports
 5 x USB 2.0
 2 x USB 3.0
 RJ45 network interface (Net A)
 Display port
 VGA graphics port
 Audio in
 Audio out
 2 x PS/2 ports

Network cards

Single: HP Broadcom Gigabit Ethernet PCIe
 Dual: HP NC361 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, HiPAP
 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 (HiPAP, Fishery models)
 Moxa 8-port RS322/422/485 with CBL-
 M68M25x8-100 cable (RMS/Oil&Gas model)

Radar Interface card

RIC2 (NAV RIC2 model)

Riser card

PCI Riser Card (NAV RIC2 model)

Parallel port

Full-height parallel port

MP5810 Base model connections, rear side



Specifications subject to change without any further notice.