

# MP5810



KONGSBERG



## MP5810 MARINE COMPUTER

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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

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- 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

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- 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.

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