DATA SHEET

HATTELAND® DISPLAY

Manufacturer:	**Hatteland Display AS**
Product:	**Maritime Stand-alone Computer**
Type:	**HT B06xM STD-y1**
	(x=processor type, y=processor speed)

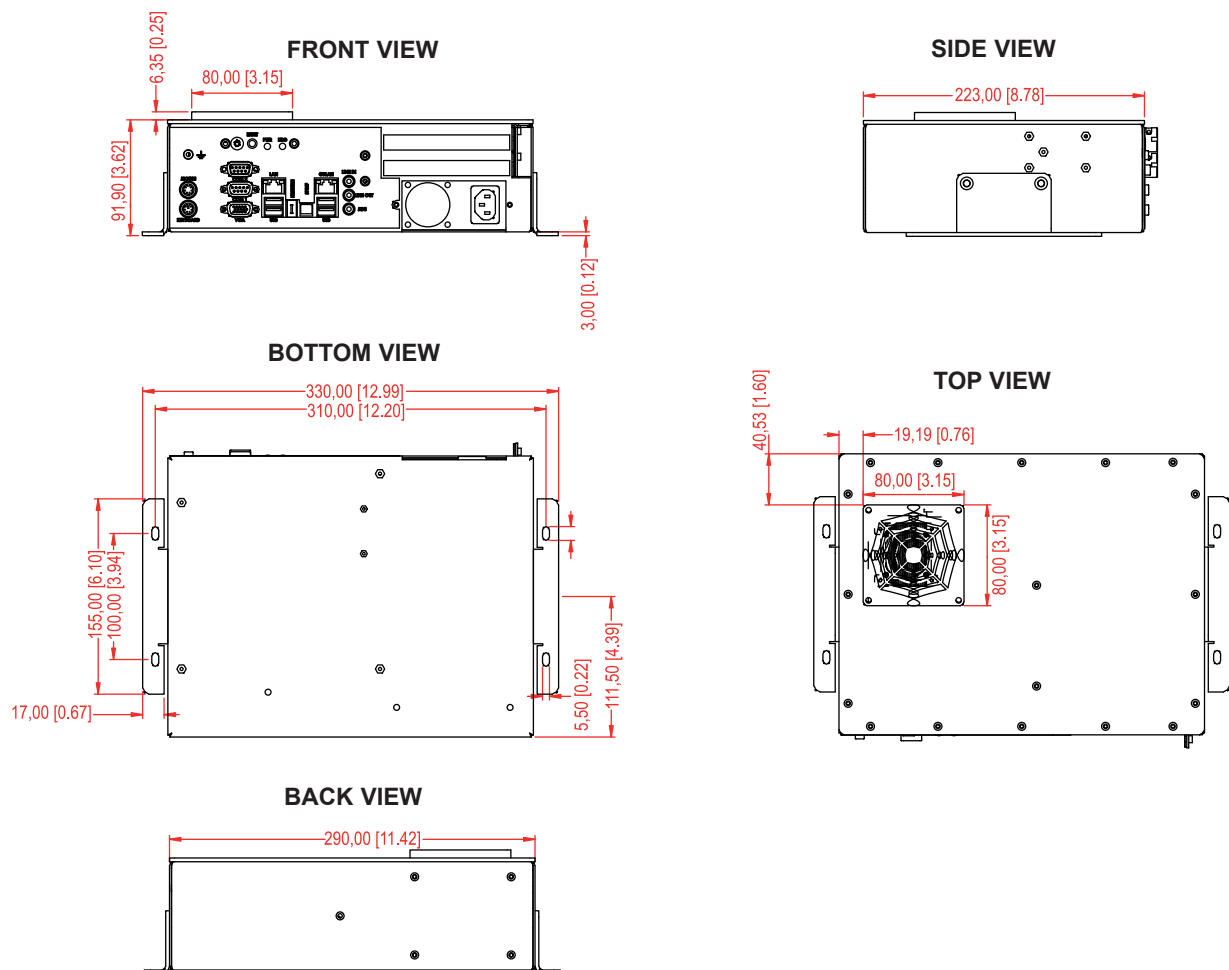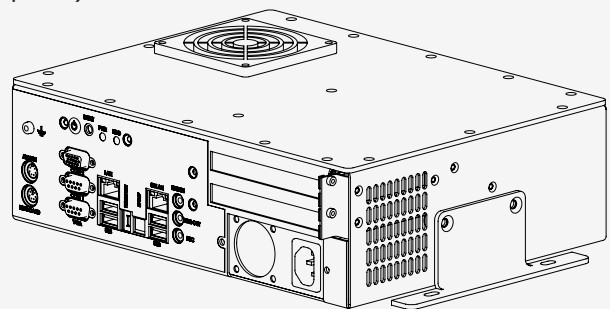|	
Last Revised:	**14 Jan 2010**
Revision#:	**13**

Maritime Stand-alone Computer

Overview:

The **HT B06xM STD** is a powerful ultra compact industrial computer with most computer functions built into a form factor that can be placed virtually anywhere. Supports any TFT, CRT and Plasma products. It has filtered air inlet and excess pressure within the casing to minimize dust and dirt to accumulate inside the casing.

Global Computer Specification: (Applies for all models)
- 1 x Celeron®M processor
- 1 x uDOC Flash Disc and/or 1 x 2.5" SATA HDD (see options)
- 1 x 10/100Mbps
- 1 x 10/100/1000Mbps PCI Express Gigabit Lan
- 2 x RS-232
- 4 x USB ports
- 1 x IEEE1394 Firewire
- 2 x Standard PS/2 for keyboard and mouse.
- 3 x 3.5mm Jacks & 1 x SPDIF (audio out)
- From 256MB to 1GB Memory
- 115/230V - 200W Power supply
- See page 2 for complete specifications and options

FRONT VIEW

6,35 [0.25]
80,00 [3.15]
91,90 [3.62]
3,00 [0.12]

SIDE VIEW

223,00 [8.78]

BOTTOM VIEW

330,00 [12.99]
310,00 [12.20]
155,00 [6.10]
100,00 [3.94]
17,00 [0.67]
5,50 [0.22]
111,50 [4.39]

TOP VIEW

40,53 [1.60]
19,19 [0.76]
80,00 [3.15]
80,00 [3.15]

BACK VIEW

290,00 [11.42]

Dimensions might be shown with or without decimals and indicated as mm [inches]. Tolerance on drawings is +/- 1mm. For accurate measurements, check relevant DWG file.

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Note: All specifications are subject to change without prior notice!

TECHNICAL DESCRIPTION

Standard Computer Specifications:

Specification	Description	Connector Type:
• Installed OS	: None, please specifiy when ordering	
• Processor	: See options below.	
• Storage Solutions	: See options below.	
• System Chipset	: Intel® 915GM, ICH6M	
• Graphics Chipset	: Intel® Graphics Media Accelerator (GMA) 900 - Up to 2048 x 1536, 32-Bit @ 85Hz	1 x HDDB15F
• BIOS	: Award Flash BIOS	
• Memory	: From 256 to 1GB option (DDR2, 533Mhz, Non-ECC, 1 slot on-board)	
• PCI Slots	: 2 x PCI2.2 Slots 32-bit, 3V and 5V Interface, Half Length Profile	
• Firewire	: 1 x IEEE1394 Firewire 400Mbps - TI TSB43LV22**	1 x IEEE1394 FireWire
• Serial Ports	: 2 x RS-232	2 x DB9M
• Primary Ethernet	: 1 x 10/100 Mbps, Intel 82562ET ICH6M Integrated	1 x RJ-45
• Secondary Ethernet	: 1 x 10/100/1000 Mbps Marvell 88E8053 PCI Express Gigabit Lan	1 x RJ-45
• USB Ports	: 4 x USB2.0 - 480Mbps	4 x USB
• Keyboard Port	: 1 x Standard PS/2 mini DIN connector	1 x PS/2
• Mouse Port	: 1 x Standard PS/2 mini DIN connector	1 x PS/2
• Power Manager	: APM V1.2 and ACPI	
• Monitoring	: On-board W83627HF, monitors system temperature and voltage status	
• Audio	: AC-97 ALC655, 6 channel with LINE IN, LINE OUT, MIC IN + SPDIF**	3 x 3.5mm jacks + 1 x TOSLINK

**Note: IEEE1394 Firewire and SPDIF connectors was not included in the EN60945 4th (IEC945 4th) testing.

Power Specifications:

Power Supply Options:

		Connector Type:
• 115VAC/60Hz or 230VAC/50Hz	: Model HT B06xM STD-y1 (200W)	STD IEC
• Power Consumption - Operating	: TBD (MAX)	

Processor Options:

HT B06CM STD-A1:
• 1 x Intel® Celeron®M 1.5GHz, 400MHz FSB, 1MB L2 Cache 90nm, Socket 479
  (Upgradeable to 1.70GHz)

Available Global Component Options:

		Connector Type:
• 1 x uDOC Int. Module	: uDOC (USB 2.0 Flash Disc) up to 4GB and future support for larger sizes possible.	
• 1 x SATA HDD	: 2.5" SATA HDD up to 120GB, 5400RPM, 8MB Cache	
• Memory	: From 256MB to 1GB	
• Single or Dual DVI-D Outputs. (Not type approved)		2 x DVI-D24F

Note: These options are factory installed.

Compass Safe Distance:	HT B06PM STD	Standard: 125cm	Steering: 90cm
	HT B06CM STD	Standard: 125cm	Steering: 90cm

MECHANICAL DESCRIPTION

Physical Specifications:
• 290 (W) x 88.9 x (H) x 223 (D) mm - 11.42" (W) x 3.50" x (H) x 8.78" (D)
• Weight: 4 kg (approx)
• Aluminium Chassis
• Mounting Brackets

Environmental Considerations:
• Operating	: Temperature -15 deg. C to +55 deg. C Humidity up to 95%
• Storage	: Temperature -20 deg. C to +60 deg. C Humidity up to 95%

Safety Considerations:
Even although the test conditions for bridge units provide for a maximum operating temperature of 55°C, continuous operation of all electronic components should, if possible, take place at ambient temperatures of only 25°C. This is a necessary prerequisite for long life and low service costs.

APPROVALS & CERTIFICATES

These products have been tested / type approved by the following classification societies:

HT B06PM STD-Ax:

EN60945 4th (IEC945 4th)	**IACS E10**	**DNV** - Det Norske Veritas	**BV** - Bureau Veritas
ABS - American Bureau of Shipping	**ClassNK** - Nippon Kaiji Kyokai	**GL** - Germanischer Lloyd	**LRS** - Lloyd's Register of Shipping

HT B06CM STD-Ax:

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