

Manufacturer: **Jakob Hatteland Display AS**

Product: **Maritime Rack Computer**

Type: **HT 205P4 STD**

Last Revised: **04 Apr 2006**
Revision#: **2**

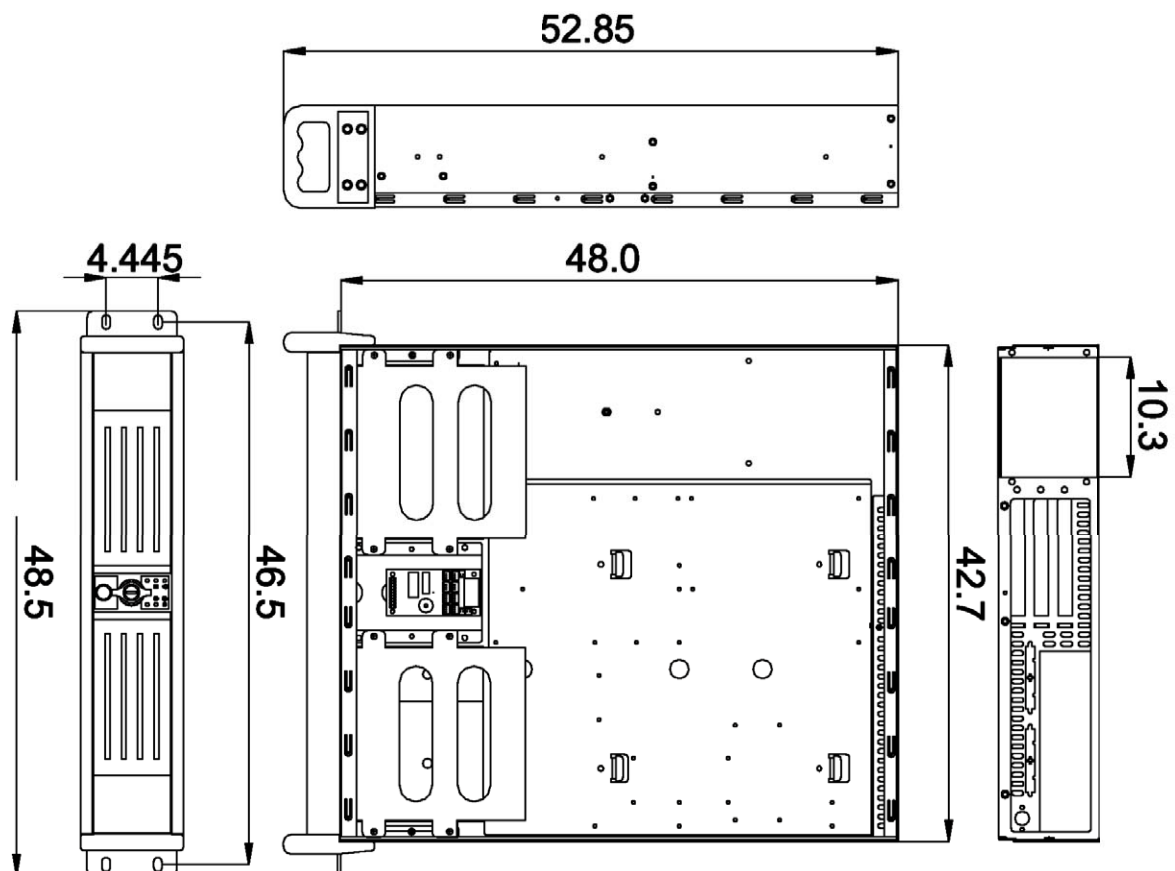
Maritime Rack Computer

Overview:

Get first-class performance across a broad range of applications with **HT 205P4 STD** Maritime Rack Computer. Ideal for use in industrial and maritime environments where performance and reliability is important. Leading edge technology makes these computers the smart choice for all heavy applications.

Brief Specifications:

- Intel Pentium 4 - 3.0GHz (Socket 478)
- Graphics SMI 712 (2D), 2MB Memory, Max 1024x768 @ 85Mhz
- 1 x 512MB RAM
- 1 x 80GB 2,5" HDD
- 1 x DVD-RW 48x (CD) / 16x (DVD R) / 6x (DVD-R DL) / 8x (DVD+R DL)
- 1 x 1,44MB 3,5" FDD
- 1 x 10/100/1000Mbps Gigabit LAN
- 1 x RS-232 Serial Ports
- 1 x Parallel port
- Standard PS/2 mini DIN connector and pin header for keyboard and mouse.
- Dimensions 427 (W) x 88 (H) x 480 (D) mm
- Power supply 115/230V - 400W
- See page 2 for complete specifications and options



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TECHNICAL DESCRIPTION

Computer Specifications: (Standard model)

Connector Type:

• Processor	: Intel Pentium 4 3.0GHz / Socket 478 / 800MHz FSB / 1MB L2 Cache	
• System Chipset	: Intel 875P	
• BIOS	: Award BIOS	
• PCI Slots	: 2 x PCI2.3 Slots 32-bit, 3V and 5V Interface, Full Length Profile via Raiser Card	
• Memory	: 3 x 184 Pin DIMM Sockets, 512MB Installed (1 slot used) (PC3200 DDR400) (Max 3GB possible)	
• Graphics Port	: 1 x AGP 8x 1.5V via Raiser Card	
• Graphics/Refresh	: On-board SMI 712 (2D), 2MB Display Mem, Max 1024x768 @ 85 Hz	1 x DB15F
• IDE HDD	: 1 x 80GB 2.5", 5400 RPM, 8MB Cache SATA150 Installed (Max 120GB possible)	
• Media Drive	: 1 x DVD/CD-RW Dual Layer Recorder/Player - 48x(CD) / 16x(DVD-R) / 6x(DVD-R DL) / 8x(DVD+R DL)	
• Floppy Drive	: 1 x 1.44 MB 3.5"	
• Parallel Port (LPT)	: 1 x Bi-Directional Centronics with ECP or EPP mode	1 x DB25F
• Serial Ports	: 1 x RS-232 16C550 Compatible	1 x DB9M
• Ethernet	: 1 x 10/100/1000Mbps Intel 82547GI Gigabit LAN	1 x RJ-45
• USB Ports	: 6 x USB 2.0 (in back)	6 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
• Audio	: ICH5R built-in Sound Controller + AC97 Codec ALC650 (5.1 channels) Line In, Line Out, Mic In	3 x JACKS
• Power Manager	: APM and ACPI	

Power Specifications:

Power Supply Options:

- 115VAC/60Hz or 230VAC/50Hz : Model HT 205P4 STD A1 (400W)

Power Consumption:

- Operating : TBD(TYP) - TBD (MAX)

Available Options:

Connector Type:

• Dual Head Graphics Card, DVI-I, AGP, 64MB, Max 2048x1536	2 x 24P DVI-I
• Memory upgradeable to max 3GB	
• 2.5" Harddisk upgradeable to max 120GB	
• Combracket for COM2 - 1 x RS232/422/485	1 x DB9M
• Combracket for COM3 and COM4 - 2 x RS232	2 x DB9M

Note: These options are factory installed.

MECHANICAL DESCRIPTION

Physical Specifications:

- 427 (W) x 88 (H) x 480 (D) mm
- Weight: 10 kg (approx)
- 2U Rackmount Chassis
- Black Heavy-duty steel chassis with handles
- Removable air filter
- Dual lockable latch doors

Environmental Considerations:

Safety Considerations:

Even although the test conditions for bridge units provide for a maximum operating temperature of 70°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.

Compass Safe Distance: HT 205P4 STD

Standard: TBDm

Steering: TBD

APPROVALS & CERTIFICATES

This product have been tested / type approved by the following classification societies: