

Manufacturer: **Jakob Hatteland Display AS**

Product: **Maritime Rack Computer**

Type: **HT 405P4 STD**

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

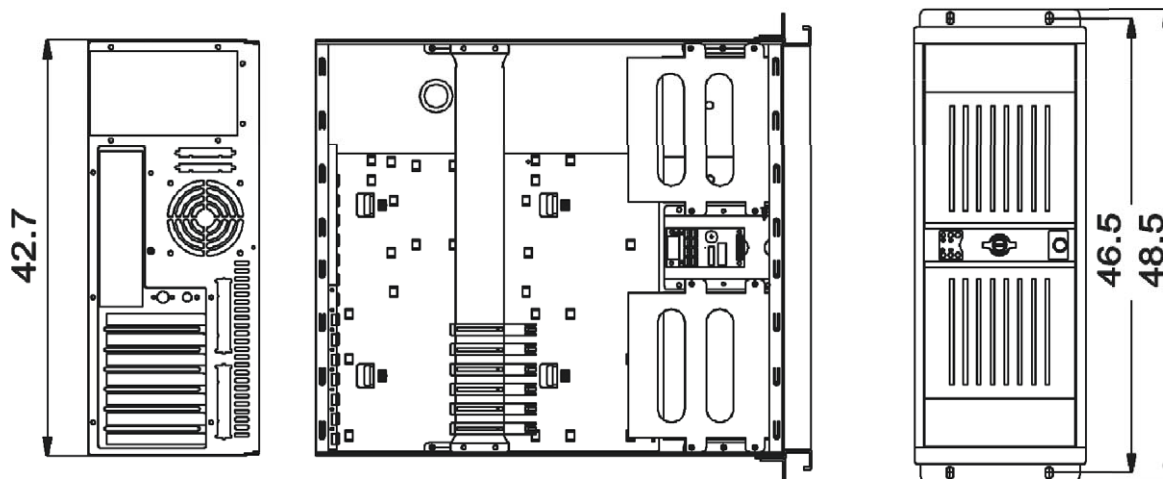
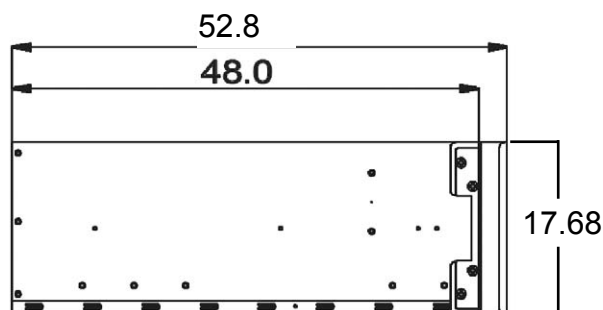
Maritime Rack Computer

Overview:

Get first-class performance across a broad range of applications with **HT 405P4 STD** Maritime Rack Computer. Ideal for use in industrial and maritime environments where performance is important. Leading edge technology makes these computers the smart choice for all heavy applications.

Brief Specifications:

- Intel Pentium 4 - 3.0GHz (Socket 775)
- Intel Graphics Media Accelerator 900 (2048x1536 @ Max85Hz)
- 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
- 2 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 176 (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 775 / 800MHz FSB / 2MB L2 Cache	
• System Chipset	: Intel 915G Express Chipset with ICH6	
• BIOS	: Award BIOS	
• PCI Slots	: 5 x PCI2.2 Slots 32-bit, 3V and 5V Interface, Full Length Profile	
	: 1 x PCI Express x16	
	: 1 x PCI Express x1	
• Memory	: 2 x 184 Pin DIMM Sockets, 512MB Installed (1 slot used) (PC3200 DDR400) (Max 2GB possible)	
• Graphics/Refresh	: On-board Intel Graphics Media Accelerator 900 - Up to 2048x1536 @ Max85Hz - 32-Bit colors	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 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	: 2 x 10/100/1000Mbps Gigabit LAN Marvell 88E8053 PCI Express Based	2 x RJ-45
• USB Ports	: 6 x USB 2.0 (4 in back, 2 in front)	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	: ICH6 built-in audio + AC97 codec ALC658 6 channels with LINE IN, LINE OUT, MIC IN	3 x JACKS
• Power Manager	: APM and ACPI	
• Monitoring	: Built in W83627HF, monitors system/CPU temperature and voltage status	

Power Specifications:

Power Supply Options:

- 115VAC/60Hz or 230VAC/50Hz : Model HT 405P4 STD A1 (400W)

Power Consumption:

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

Available Options:

Connector Type:

• Dual Head Graphics Card, DVI-I, PCIe 16X, 128MB, Max 2048x1536	2 x 24P DVI-I
• Memory upgradeable to max 2GB	
• 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 176 (H) x 480 (D) mm
- Weight: 12 kg (approx)
- 4U 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 405P4 STD

Standard: TBD

Steering: TBD

APPROVALS & CERTIFICATES

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