

2310120142

CSN HTE-20470-i5-AC Client for 2 monitors IEC60945 approved

WORKING STATIONS IEC60945

CSN HTE-20470-i5-AC Client for 2 monitors

- Fanless
- Compact
- i5-10500TE
- 16GB ram
- 240GB SSD
- W10IoT
- 230VAC

Description

The HT20470 model is the successor to the best in class and highly successful HT20370 computer. The new model incorporates latest processor technologies and enhanced feature sets, thus providing greater versatility for high-end maritime system applications.

The HT20470 models are high-end platforms with an enhanced chassis that includes external disc bays at the front. The i3, i5, i7 or i9 processor options ensure state of the art computing performance is delivered; while the extensive feature options allows for the HT20470 to be built up to a quasi-Server capability.

By default equipped with 2 x removable 2.5" SSD bays in front and internal space for 2 x 2.5" SSD's, 4 x removable 2.5" SSD bays available as option, onboard raid, M.2, up till 4 x PCI-e slots, memory up to 64GB RAM, 6 x USB, 4 x LAN ports, 3 x Signal outputs (2 x DP+ and 1 x USB-C) and more, making the HT20470 the most versatile rugged PC solution for the professional maritime segment.

Note: AC model contains only 3 x PCIe- slots

Technical Dimensions

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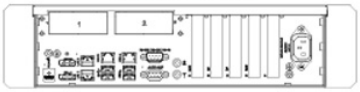
FRONT VIEW (2-Bay model)



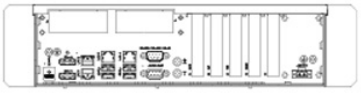
SIDE VIEW



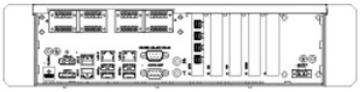
BACK VIEW (AC)



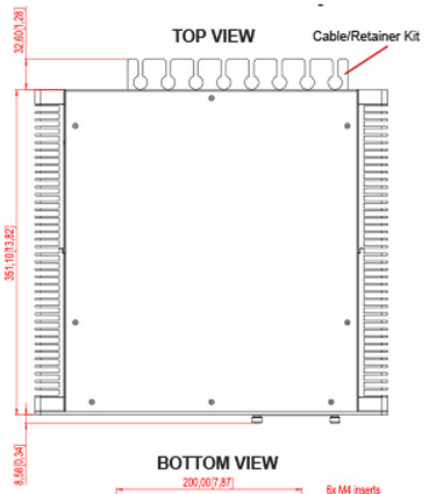
BACK VIEW (DC)



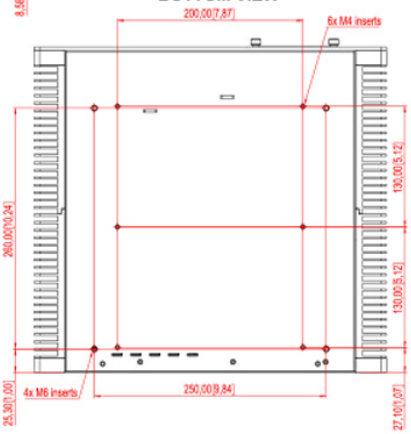
BACK VIEW w/Factory Options



TOP VIEW



BOTTOM VIEW



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Specifications

GENERAL

Processor / CPU and FSB Speed Options:	1 x Intel® Core™ i5-10500TE, 6-Core 2.20GHz - 3.60GHz, 9MB Cache
Memory	16 GB ram
Installed Operating System	Windows® 10 IoT Enterprise 2019 LTSC (64bit) installed
Storage	240GB SSD
Power	230VAC
Power Manager	ACPI
Power Monitoring	Watchdog Timer, reset: 1 sec~255 min & 1 sec. or 1 min/step
Max Resolution / Max Hz	Max 3840 x 2160 (4K UHD) @ 60Hz for DP (DisplayPort)
BIOS	UEFI, ACPI support
PCI Slots / PCIe Slots:	1 x PCIe 3.0 x16 + 2 x PCIe 3.0 x4 (1 x x8) + 1 x PCIe 3.0 x1
Serial Port	1 x RS-232/RS-422/RS-485 un-isolated Baud Rate: Max 115.2Kbps
USB Ports	2 x USB 3.1 Type A (<3m) ports in front
	4 x USB 3.1 Type A (<3m) ports in rear
	1 x USB-C (DisplayPort - Power Distribution enabled, 60W) in rear
Audio Ports	Realtek HD Audio supports 2.0 channel, Mic. in, Line out (2x3.5mm Jack)
	Audio 2W Stereo/Mono supported
Ethernet Ports	2 x RJ-45, LAN 10/100/1000Mbps,Intel®,Support for Intel® Teaming
	2 x RJ-45, LAN 10/100/1000Mbps (non intel)
System+Graphics Chipset / Connectors	Intel® Q470 / Intel® UHD 630
	DirectX Support 12.0, Shader Model 6.4, OpenCL 2.1, OpenGL Support
	4.5/linux, Vulkan 1.1.97
	1 x USB-C + 2 x DisplayPort 1.2 (2 x Display clone + 1 extended)
Operating Temperature	-15.0°C to 55.0°C
Storage Temperature	-20.0°C to 70.0°C
Compass Safe Distance	Standard: 160 - Steering: 130 cm

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APPROVALS, CERTIFICATES, TESTING

Approval and Certificates	IEC 60945 4th (EN 60945:2002)
	IACS E10, EN61162
	EU RO MR - Mutual Recognition by DNV
	ABS - American Bureau of Shipping
	BV - Bureau Veritas
	CCS - China Classification Society
	ClassNK - Nippon Kaiji Kyokai
	KR - Korean Register of Shipping
Shock	5g/11ms
Vibration	0.7g (IEC 60945 / IACS E10)
Air Pressure Maximum Altitude	Operating: 4000m - Storage: 12912m

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