



SONOVE
Maritime Box PC



- ✓ Designed for Maritime Applications
- ✓ Serial: Optional up to 4 x RS485/RS422 (galv. isolated)
- ✓ USB: Optional up to 8 x USB
- ✓ Ethernet: Optional up to 7 x GbE
- ✓ CPU: Up to 10th Generation
- ✓ „Made in Germany“
- ✓ Certifications: DNV, Tested according to IACS E10 and EN 60945

Features

Processor	10th Generation Intel® Core™ Processors⁽¹⁾ <ul style="list-style-type: none"> • i7-10700TE, 8 Cores, 16M Cache, up to 4.40 GHz • i5-10500TE, 6 Cores, 12M Cache, up to 3.70 GHz 7th Generation Intel® Core™ Processors⁽¹⁾ <ul style="list-style-type: none"> • i7-7700T, 4 Cores, 8M Cache, up to 3.80 GHz • i5-7500T, 4 Cores, 4M Cache, up to 3.30 GHz 6th Generation Intel® Core™ Processors⁽¹⁾ <ul style="list-style-type: none"> • i7-6700TE, 4 Cores, 8M Cache, up to 3.40 GHz • Celeron® G3900TE, 2 Cores, 2M Cache, 2.30 GHz 4th Generation Intel® Core™ Processors <ul style="list-style-type: none"> • i7-4770TE, 4 Cores, 8M Cache, up to 3.30 GHz • i5-4590T, 4 Cores, 4M Cache, up to 3.00 GHz • Celeron® G1820TE, 2 Cores, 2M Cache, 2.20 GHz
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Memory	Up to 64 GB RAM
PCI / PCIe	1 x PCIe x 16 (Alternatives with riser cards)
Ethernet	Optional up to 7 x GbE
USB	Optional up to 8 x USB
Serial	Optional up to 4 x COM (RS232, RS422/485)
Storage	Up to 2 x 2 TB (RAID)
OS	<ul style="list-style-type: none"> • Windows® Embedded Standard 2009 (WES) • Windows® 7 • Windows® 10 • Linux

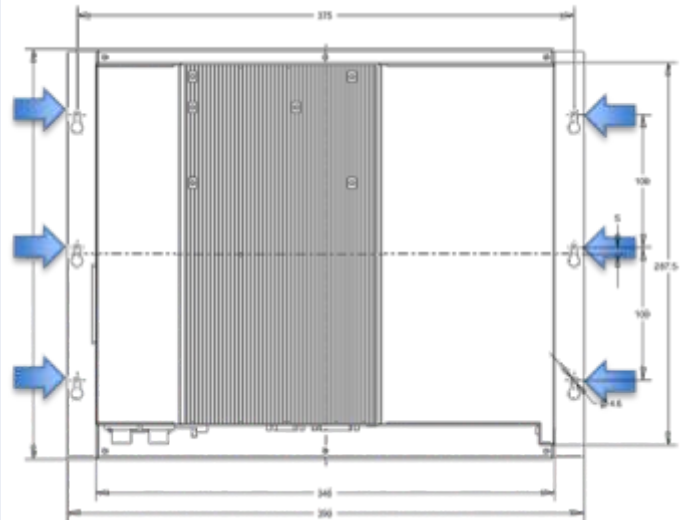
⁽¹⁾ Available Q4/2022, Type Approval in progress

Options and additional features are configurable. Contact your Sonove sales representative for further information. Depending on the product configuration, interfaces or slot brackets may differ from the figures in this document.

Mounting Options

LB: Mounting (Sonove Standard)

- ✓ Housing: galvanized steel
Optional: black anodized aluminum
- ✓ Mounting: 6 adjustable holes
- ✓ Mounting compatible to different Box PCs in the maritime market

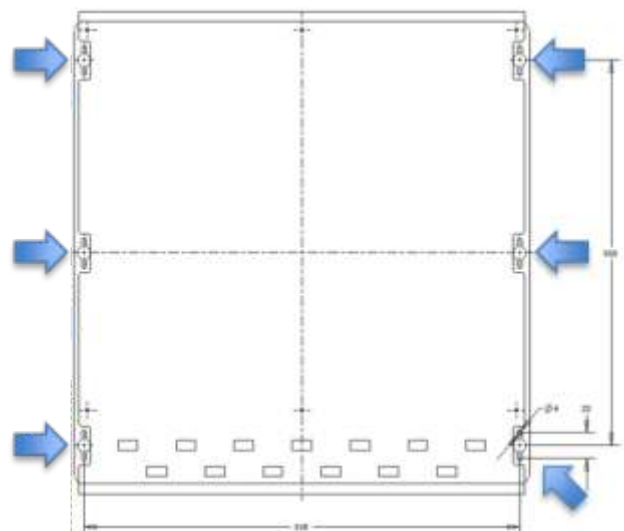


MK: Mounting

- ✓ Housing: galvanized steel or black coated
Optional: black anodized aluminum
- ✓ Mounting: 4 x M6 press-in nuts
4 x M6 screws (mounted from backside)
- ✓ Mounting compatible with "Antivibration Kits" in the maritime market

HT: Mounting

- ✓ Housing: galvanized steel or black coated
Optional: black anodized aluminum
Mounting plate: black coated (cable reliefs)
- ✓ Mounting: 6 long holes
6 x M4 screws
- ✓ Mounting compatible to existing Box PCs in the maritime market



Examples of MPC Box standard systems with order information

Maritime PC Box Celeron		
MPC Box Celeron DC	413.812.yyyy	Box PC, Intel® Celeron®, 2 x 2.2 GHz, RAM 4 GB, 24VDC, SSD 64 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, Windows® 10 IoT Enterprise, LB Mounting
MPC Box Celeron DCAC	413.613.yyyy	Box PC, Intel® Celeron®, 2 x 2.2 GHz, RAM 4 GB, Redundant 230VAC/24VDC, SSD 64 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, Windows® Embedded Standard 2009, MK Mounting
MPC Box Celeron AC	413.121.yyyy	Box PC, Intel® Celeron®, 2 x 2.2 GHz, RAM 4 GB, 230VAC, SSD 128 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, Windows® 7 Professional for Embedded Systems, HT Mounting

Maritime PC Box i5		
MPC Box i5 DC	411.112.yyyy	Box PC, Intel® Core™ i5-4590T, RAM 4 GB, 24VDC, SSD 64 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, Windows® 7 Professional for Embedded Systems, LB Mounting
MPC Box i5 DC	411.B22.yyyy	Box PC, Intel® Core™ i5-4590T, RAM 4 GB, 24VDC, SSD 128 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, 4 x RS485, Linux (Debian), LB Mounting
MPC Box i5 DCAC	411.123.yyyy	Box PC, Intel® Core™ i5-4590T, RAM 4 GB, Redundant 230VAC/24VDC, SSD 128 GB, 4 x LAN 1 Gbit/s, 8 x USB, 2 x RS232, Windows® 7 Professional for Embedded Systems, HT Mounting

Maritime PC Box i7		
MPC Box i7 DC	410.112.yyyy	Box PC, Intel® Core™ i7-4770TE, 24VDC, RAM 4 GB, SSD 64 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, 2 x PCI, Windows® 7 Professional for Embedded Systems, MK Mounting
MPC Box i7 AC	410.111.yyyy	Box PC, Intel® Core™ i7-4770TE, 230VAC, RAM 4 GB, SSD 64 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, Windows® 7 Professional for Embedded Systems, LB Mounting
MPC Box i7 DC	410.822.yyyy	Box PC, Intel® Core™ i7-4770TE, 24VDC, RAM 8 GB, SSD 128 GB, 2 x LAN 1 Gbit/s, 4 x USB, 2 x RS232, 2 x PCI, Windows® 10 IoT Enterprise, LB Mounting

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