

M2-PC (TG)

11th Generation Intel® Core™ Processors



Dimension

- L-Version: Length x Width x Height: 390 x 253 x 58 mm
- M-Version: Length x Width x Height: 317 x 253 x 58 mm
- Weight L-Version: 7 kg ± 10%
- Weight M-Version: 6,8 kg ± 10%

Housing

- Cooler: Aluminium, RAL 9005 powder coated
- Cover electronics: Steel, RAL 9005 powder coated

| | | | |
|-----------------------|-------------------|--|---|
| System | Processor | 11th Generation Intel® Core™ Processors Intel® Core™ i7-1185GRE, 4 Cores, 12M Cache, 1.80 GHz up to 4.40 GHz Intel® Core™ i5-1145GRE, 4 Cores, 8M Cache, 1.50 GHz up to 4.10 GHz | |
| | Memory | Up to 64GB, Dual channel DDR4 up to 3200MHz | |
| | Storage | 1 x M.2 SSD up to 1TB or SATA3.0/PCIe Gen3 x4 NVMe 2 x SSD up to 2TB RAID 0/1/5 | |
| Graphics | Controller | Intel® Iris® Xe Graphics for i7/i5 Processors | |
| | Feature | OpenGL 4.5, DirectX 12, OpenCL 2.1 HW Decode: WMV9, AVC/H264, JPEG/MJPEG, HEVC/H265, VP9, AV1 HW Encode: AVC/H264, JPEG, HEVC/H265, VP9 | |
| | Triple Displays | Intern + DP++ + HDMI | |
| Expansion | Interface | 1 x PCIe x4 (Gen3 x4) Low Profile | |
| Rear I/O | Ethernet | 3 x GbE (RJ-45) | Optional up to 5 x GbE |
| | USB | 4 x USB 3.1 Gen2 (Type-A) 1 x USB 4.0 Type-C (Thunderbolt 3) (Support USB 3.1 Gen2, DP 1.4) | Optional up to 9 x USB |
| | Display | 1 x DP++ 1 x HDMI | |
| | Audio | | Optional 1 x Line-out, 1 x Mix-in |
| | Serial | | Optional up to 4 x COM (RS232 or 422/485) |
| Optional (M2 CB) | Controller | M2 Controller Board | |
| | Feature | 1 x Internal Alarm-Buzzer 1 x Out for ext. Alarm-Buzzer 1 x Potentiometer In, 2 x Push Button In 2 x Out for Status LED | |
| Watchdog Timer | Output & Interval | System Reset, Programmable via Software from 1 to 255 Seconds | |
| Security | TPM | dTPM 2.0/fTPM (Opt.) | |
| Power Options | DC | 24 VDC | |
| | AC | 230/115 VAC (50/60Hz) | |
| | DCAC | 24 VDC + 230/115 VAC (redundant) | |
| OS Support | Microsoft/ Linux | Windows 10 | |
| | | Linux | |
| Environment | Operating Temp. | -15 to +55°C | |
| | Storage Temp. | -20 to +70°C | |
| | IP Rating | IP20 | |
| Compass Safe Distance | Standard Compass | 0.75 m (L-Version) / 0.65 m (M-Version) in all directions | |
| | Steering Compass | 0.45 m in all directions | |
| Type Approval | | DNV, Tested according to EN 60945 EU-RO-MR ^(*) | |

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.

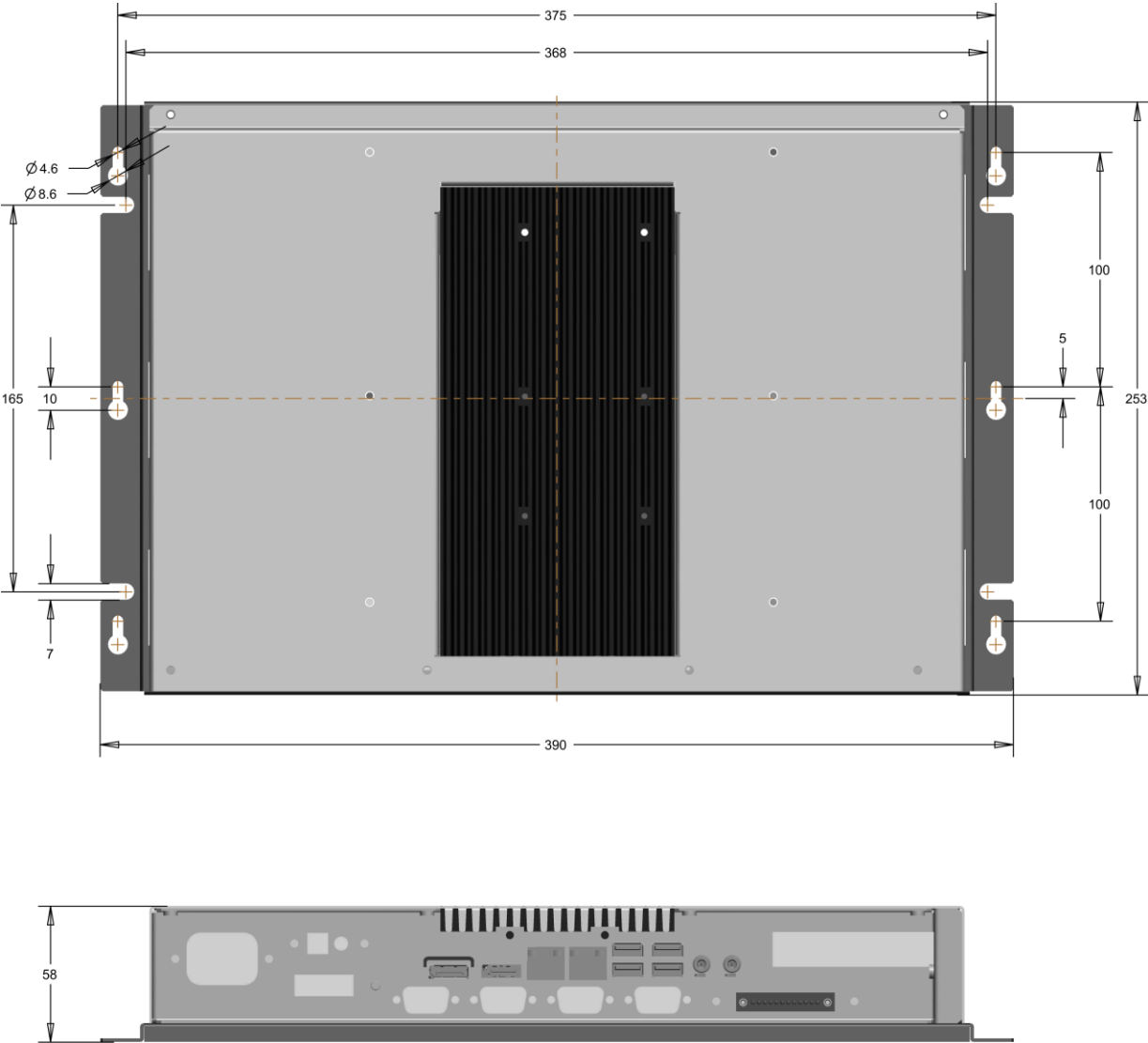
^(*) expected Q2/2024

M2-PC-L (TG)

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Drawings

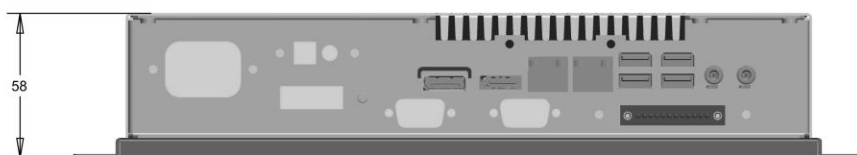
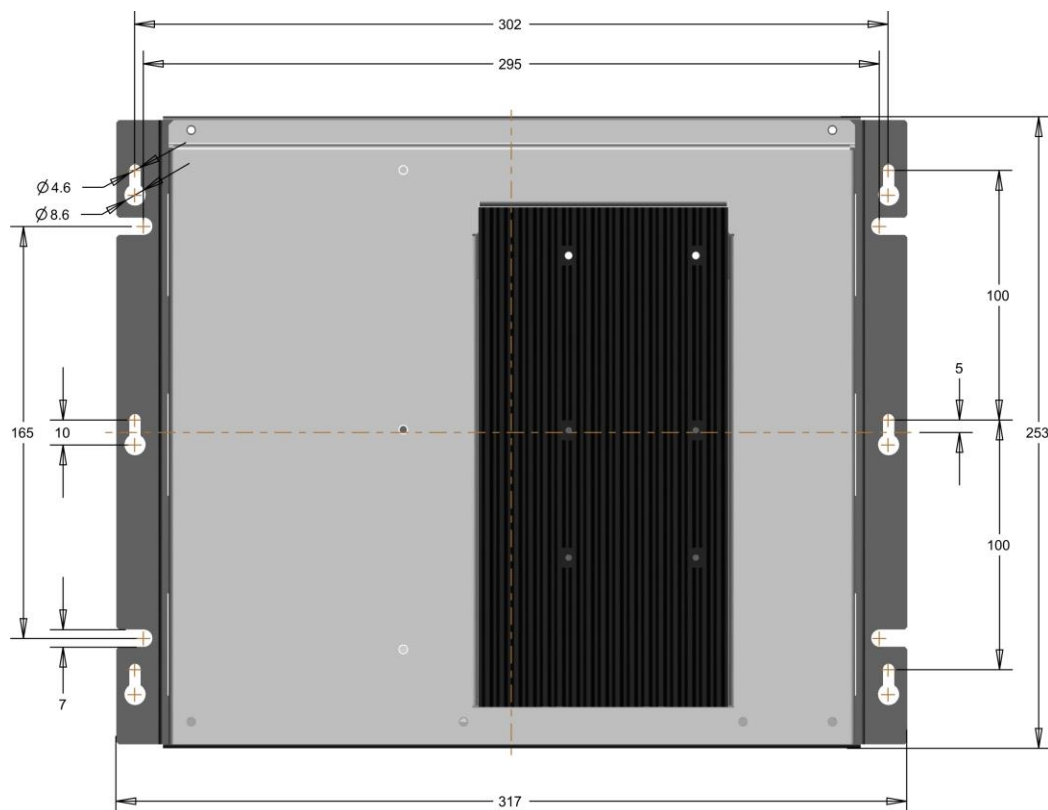


M2-PC-M (TG)

11th Generation Intel® Core™ Processors



Drawings



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