

# M2-PC (K)

7th 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         | 7th Generation Intel® Core™ Processors<br>Intel® Core™ i7-7600U, 2 Cores, 4M Cache, 2.80 GHz up to 3.90 GHz<br>Intel® Core™ i5-7300U, 2 Cores, 3M Cache, 2.60 GHz up to 3.50 GHz<br>Intel® Core™ i3-7100U, 2 Cores, 3M Cache, 2.40 GHz<br>Intel® Celeron® 3965U, 2 Cores, 2M Cache, 2.20 GHz |                                           |
|                       | Memory            | Up to 32GB, Dual Channel DDR4 1866/2133MHz                                                                                                                                                                                                                                                   |                                           |
|                       | Storage           | 1 x M.2 SSD up to 1TB or SATA3.0/PCIe Gen3 x2 NVMe<br>2 x SSD up to 2TB RAID 0/1/5                                                                                                                                                                                                           |                                           |
| Graphics              | Controller        | Intel® HD Graphics GT Series                                                                                                                                                                                                                                                                 |                                           |
|                       | Feature           | OpenGL 4.4, DirectX 12, OpenCL 2.1<br>HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9<br>HW Encode: AVC/H.264, MPEG2, JPEG, HEVC/H265, VP8, VP9                                                                                                                       |                                           |
|                       | Dual Displays     | 2 x DP++                                                                                                                                                                                                                                                                                     |                                           |
| Expansion             | Interface         | 1 x PCIe x4 (Gen 3) Low Profile                                                                                                                                                                                                                                                              |                                           |
| Rear I/O              | Ethernet          | 2 x GbE (RJ-45)                                                                                                                                                                                                                                                                              | Optional up to 4 x GbE                    |
|                       | USB               | 4 x USB 3.0                                                                                                                                                                                                                                                                                  | Optional up to 8 x USB                    |
|                       | Display           | 2 x DP++                                                                                                                                                                                                                                                                                     |                                           |
|                       | Audio             | 1 x Line-out 1 x Mic-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<br>1 x Out for ext. Alarm-Buzzer<br>1 x Potentiometer In, 2 x Push Button In<br>2 x Out for Status LED                                                                                                                                                             |                                           |
| Watchdog Timer        | Output & Interval | System Reset, Programmable via Software from 1 to 255 Seconds                                                                                                                                                                                                                                |                                           |
| Security              | TPM               | TPM 2.0 (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<br>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<br>EU-RO-MR <sup>(*)</sup>                                                                                                                                                                                                                                 |                                           |

(\*) expected Q2/2024

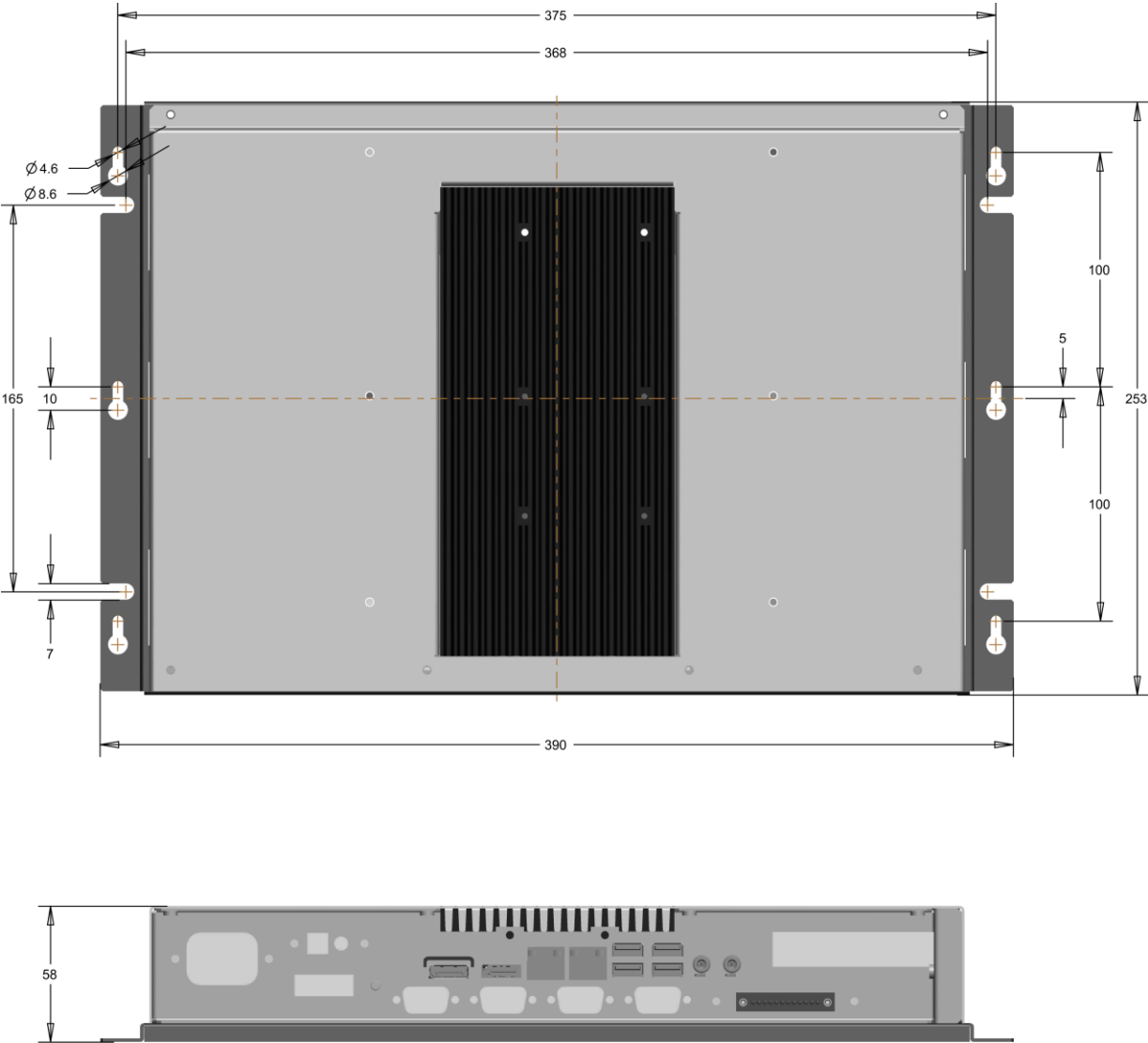
Options and additional features are configurable. Contact your Sonove sales representative for further information.  
Depending on the product configuration, interfaces or slot brackets may differ from the figures in this document.

# M2-PC-L (K)

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## Drawings

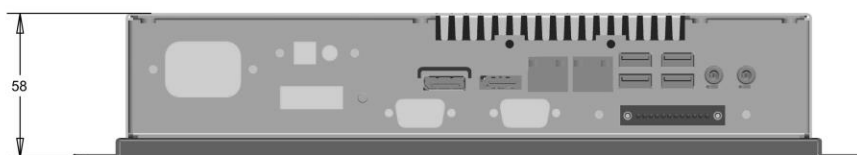
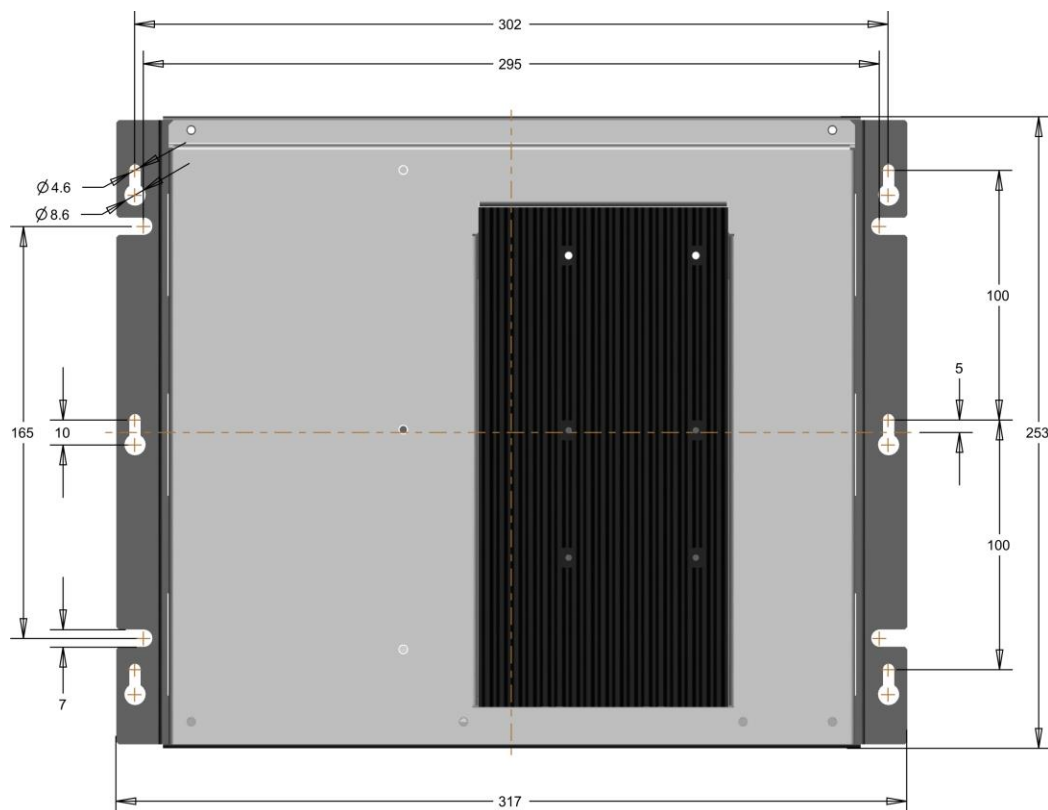


# M2-PC-M (K)

7th Generation Intel® Core™ Processors



## Drawings



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