

M2-PC (S)

6th 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	6th Generation Intel® Core™ Processors Intel® Core™ i7-6600U, 2 Cores, 4M Cache, 2.60 GHz up to 3.40 GHz Intel® Core™ i5-6300U, 2 Cores, 3M Cache, 2.40 GHz up to 3.00 GHz		
	Memory	Up to 16GB, Dual Channel DDR3L 1600MHz		
	Storage	1 x mSATA SSD up to 1TB 2 x SSD up to 2TB RAID 0/1/5		
Graphics	Controller	Intel® HD Graphics 520		
	Feature	OpenGL 4.4, DirectX 12, OpenCL 2.1 HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9 HW Encode: AVC/H.264, MPEG2, JPEG, HEVC/H265, VP8, VP9		
	Dual Displays	1 x DP + 1 x DP++		
Expansion	Interface	1 x PCIe x4 (Gen3) 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	1 x DP		
		1 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 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 (available upon request)		
Power Options	DC	24 VDC		
	AC	230/115 VAC (50/60Hz)		
	DCAC	24 VDC + 230/115 VAC (redundant)		
OS Support	Microsoft/ Linux	Windows 7		
		Windows 8.1		
		Windows 10		
		Linux		
Environment	Operating Temp.	-15 to +55°C		
	Storage Temp.	-20 to +70°C		
	IP Rating	IP20		
Compass Safe Distance	Standard Compass	- TBD -		
	Steering Compass	- TBD -		
Type Approval		In progress, expected Q2/2022		
		DNV, EU RO MR; Tested according to EN 60945		

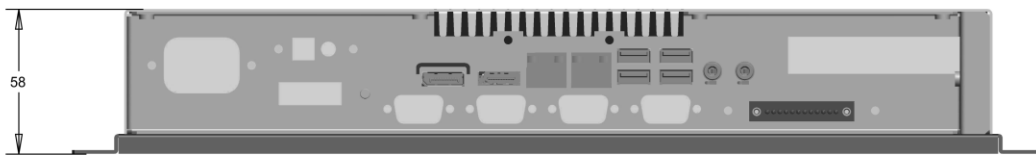
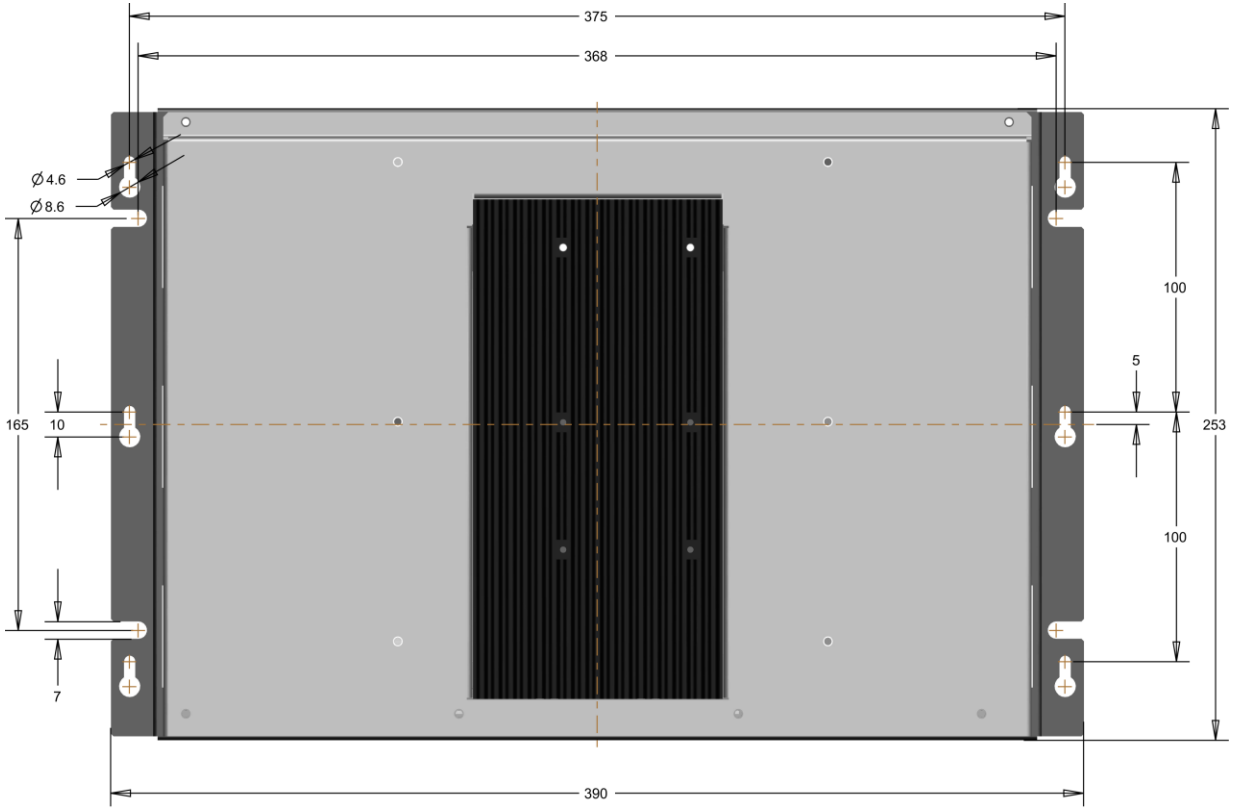
Options and additional features are configurable. Contact your Sonove sales representative for further information.
Depending on the product configuration, interfaces or slot brackets may differ from the figures in this document.

M2-PC-L (S)

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Drawings



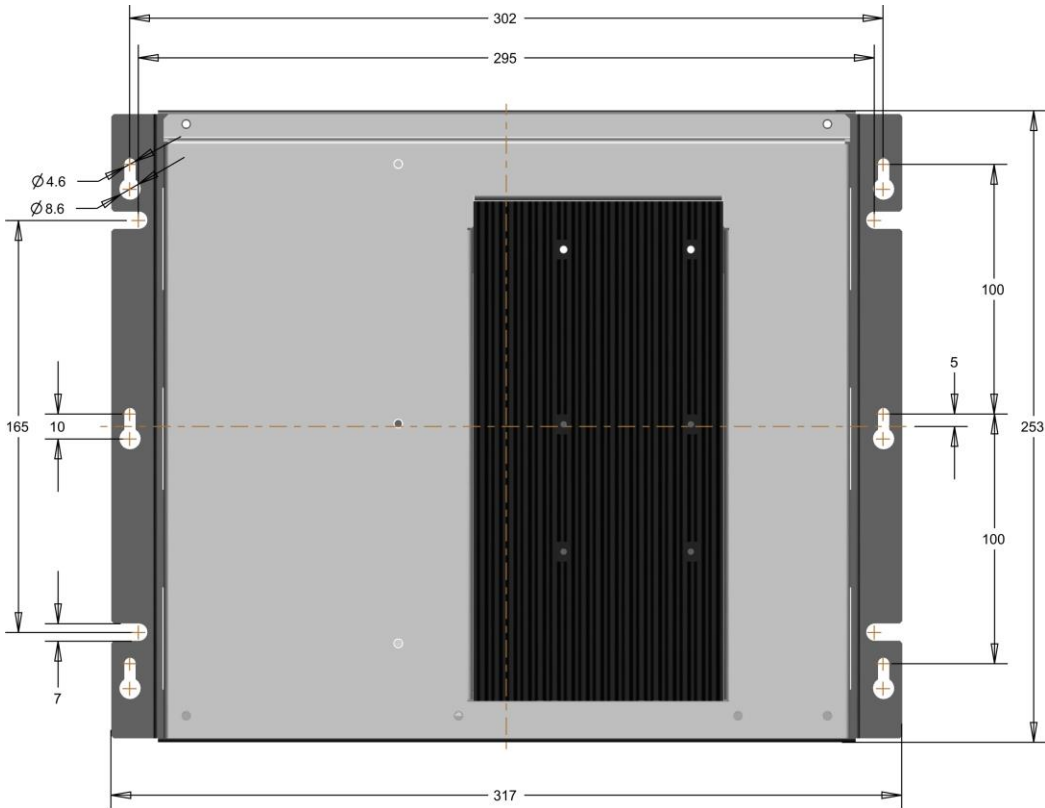
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Drawings



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