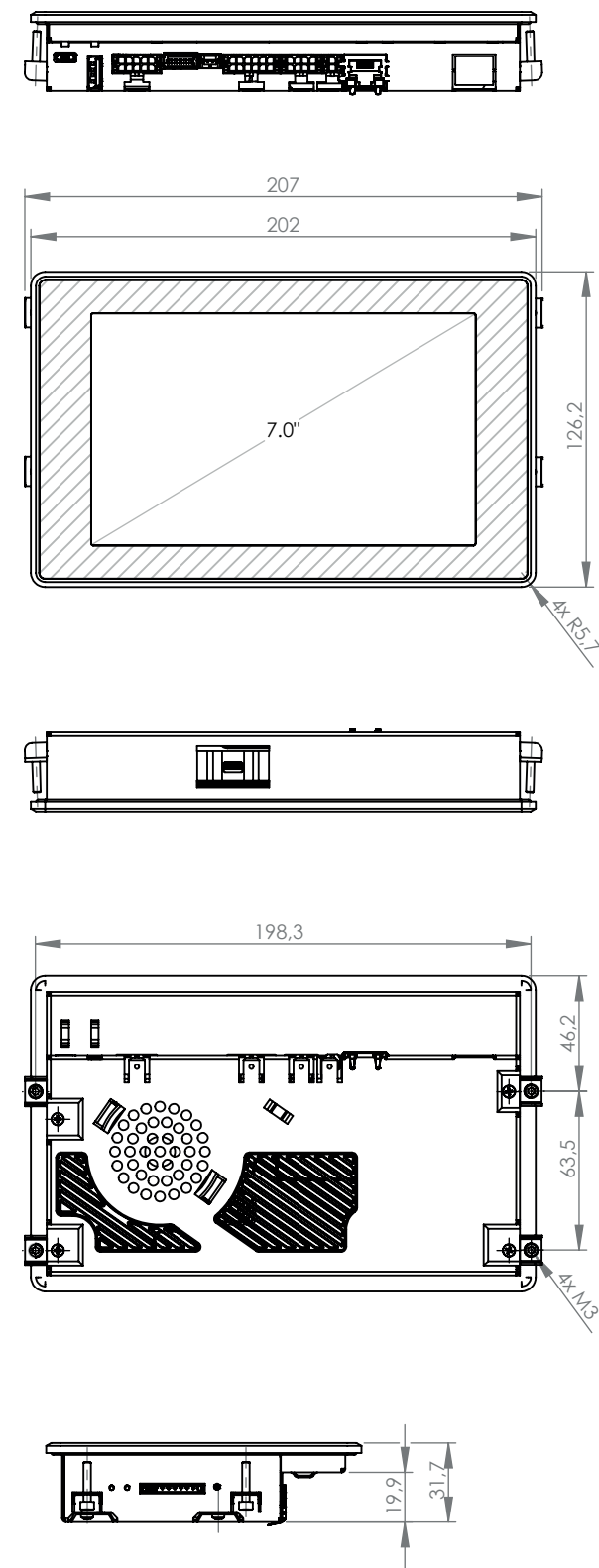
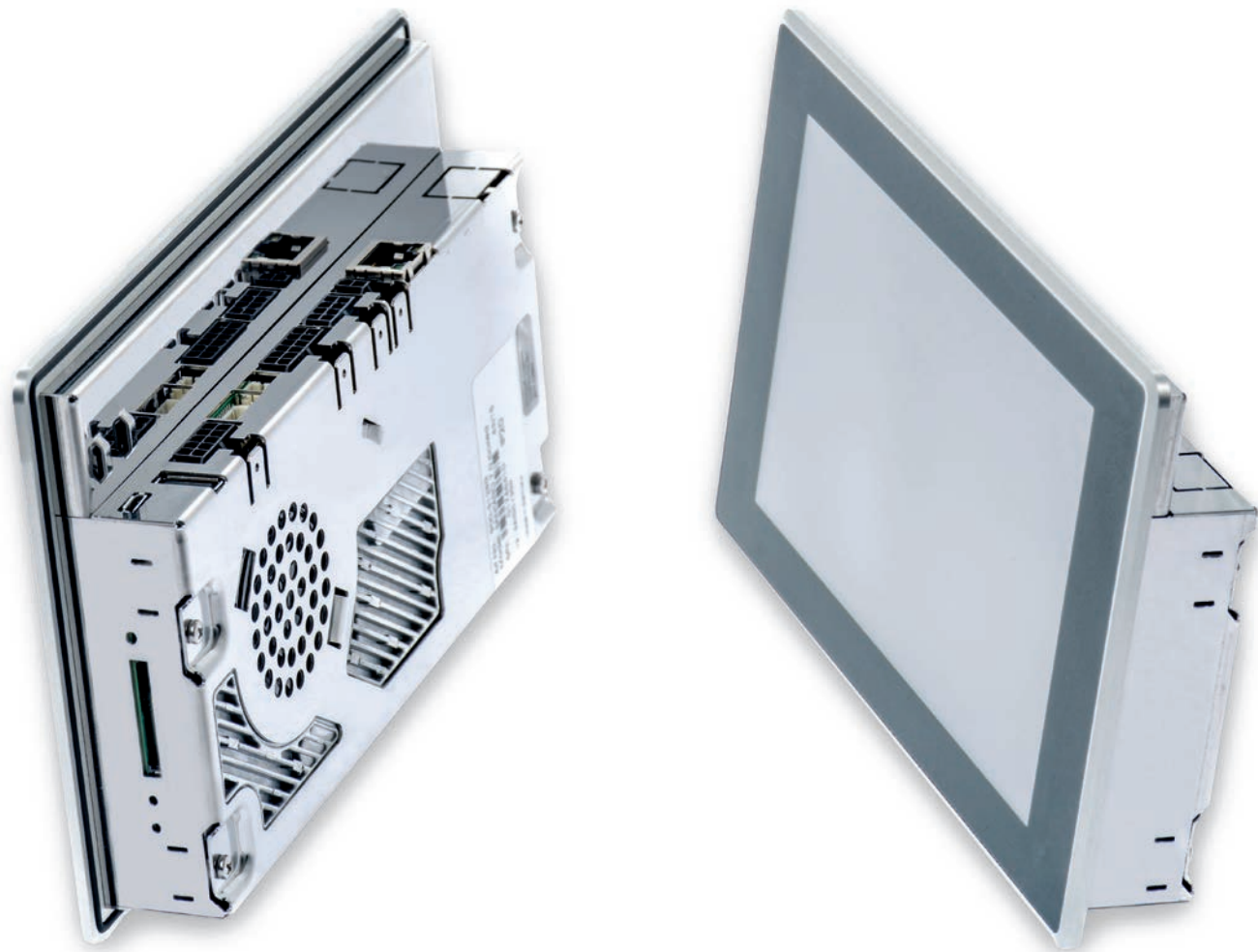
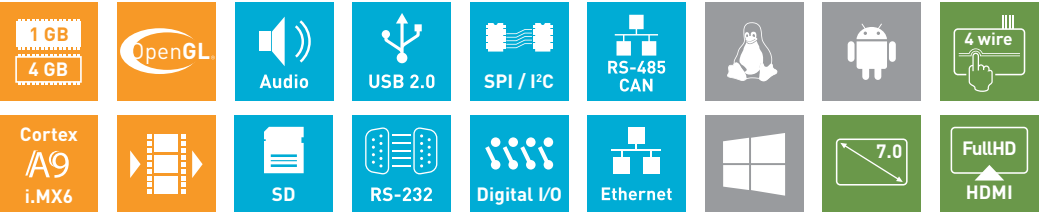


SANTARO 7.0 BX
ARM Cortex-A9 Panel Mount



CPU	x1		x2	
CPU Type	i.MX6Solo		i.MX6Dual	
Core Class	ARM Cortex - A9			
Core Clock	1 GHz			
Features	NEON for SIMD media acceleration and VFP operations; Multi-format HD 1080p video de- coder and HD 720p video encoder hardware engine; L1 cache, 32 KB for instruction, 32 KB for data			
	512 KB L2 cache		1 MB L2 cache	
HW Accelerators	OpenGL ES 2.0, OpenVG 1.1			
RTC	Accuracy: +/- 30 ppm at 25°C			
Memory				
eMMC Flash	4 GB eMMC Flash			
RAM Standard	1 GB 32 bit DDR3L		1 GB 64 bit DDR3L	
SD Card Slot	4 bit MMC/SDIO/SD/SDHC			
Operating Systems				
Supported OS	Windows Embedded Compact 7/2013, Linux Yocto, Android			
Communication Interfaces				
Digital I/O	2x In, 2x Out (0.7 A)			
Network	1x 10/100 Mbit/s Ethernet (RJ-45)			
USB 2.0	1x 480 Mbit/s Host (Type A) 1x 480 Mbit/s OTG (Type Micro-AB)			
CAN Fieldbus / RS-485	1x CAN (ISO/DIS 11898) + 1x RS-485		1x CAN (ISO/DIS 11898) + 1x RS-485 galvanic isolated	
RS-232	2x RS-232 (RX/TX/CTS/RTS)			
Synchronous Serial Interfaces	SPI up to 12 chip selects; I²C; Matrix keypad up to 8 x 8			
Video				
Video output			Full HD micro HDMI	
Audio				
Speaker output	1x speaker (connector), 1.5W RMS (8Ω)			
Audio Internal	1x speaker 0.3 W RMS (8Ω)			
Display and Touch				
Size	7 inch/177.8 mm			
Resolution	800 x 480 pixel			
Brightness	Typ. 400 cd/m²			
Backlight Lifetime	Typ. 40 000 h			
Viewing Angle	60°,70°,70°,70° (UDRL)			
Color	18 bit (262 K colors)			
Touch	4 wire resistive			
Housing				
Metal Parts	1.4016 high quality steel 0.8 mm			
Front	Surface hardness 3H; antiglare			
Device Dimensions				
W x H x D	207.0 x 126.2 x 31.7 mm			
Weight	730 g			
Power Supply				
Supply Voltage	Nom. 9 to 32 V DC			
Consumption	Typ. 5.7 W; max. 22.8 W			
Typical Environmental Conditions				
Storage Temp.	-20 to +70 °C			
Operating Temp.	0 to +60 °C			
Humidity	5 to 90 % RH			



Online support on www.garz-fricke.com

„This product can be modified by alternative assembly. Please contact us for available options.“