

















## SANTINO LT 4.3 OF PCT

ARM Cortex-A9 Rear Mount

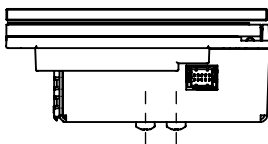
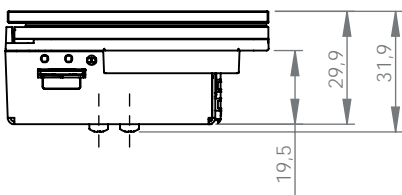
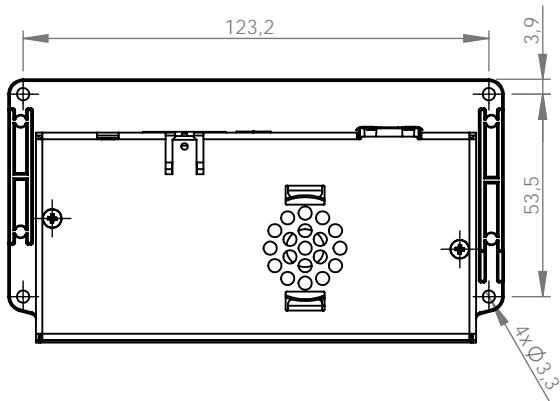
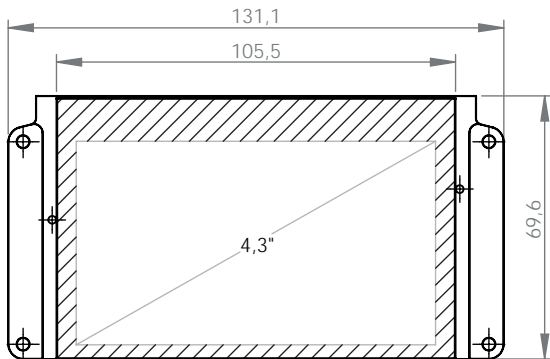
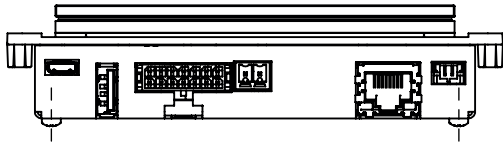
coming soon  
subject to change



# TECHNICAL SPECIFICATION

## SANTINO LT 4.3 OF PCT



CPU	x1	x2L
CPU Type	i.MX6Solo	i.MX6DualLite
Core Class	ARM Cortex - A9	
Core Clock	1 GHz	
Features	NEON for SIMD media acceleration and VFP operations; Multi-format HD 1080p video decoder and HD 720p video encoder hardware engine; L1 cache, 32 KB for instruction and data caches; Unified 512 KB L2 cache	
HW Accelerators	OpenGL ES 2.0, OpenVG 1.1 (Emulated on 3D GPU)	
RTC	Accuracy: +/- 30 ppm at 25°C	
<b>Memory</b>		
eMMC Flash	4 GB eMMC	
RAM Standard	512 MB 32 bit DDR3L	1 GB 32 bit DDR3L
Micro SD Card Slot	4 bit MMC/SDIO/SD/SDHC	
<b>Operating Systems</b>		
Supported OS	Windows EC on request, Linux Yocto, Android	
<b>Communication Interfaces</b>		
Network	1x 10/100 Mbit/s Ethernet (RJ-45)	
RS-485	1x RS-485 (Half duplex)	
RS-232	1x RS-232 (RX/TX/CTS/RTS)	
Synchronous Serial Interfaces	I <sup>2</sup> C, Matrix keypad up to 4 x 4	
High-Speed USB 2.0	1x 480 Mbit/s Host (Type A), 1x 480 Mbit/s OTG (Type Micro-AB)	
CAN Fieldbus	1x CAN (ISO/DIS 11898)	
<b>Audio</b>		
Speaker Output	1x speaker (connector), 1.5 W RMS (8Ω)	
Audio Internal	1x speaker 1 W RMS (8Ω)	
<b>Display and Touch</b>		
Size	4.3 inch/109.3 mm	
Resolution	480 x 272 pixel	
Brightness	Typ. 576 cd/m <sup>2</sup>	
Backlight Lifetime	min. 30 000 h	
Viewing Angle	50°, 70°, 70°, 70° (UDRL)	
Color	24 bit (16.7 Mio. colors)	
Touch	projected capacitive multi touch	
<b>Housing</b>		
Front	3.0 mm toughened glass, RAL 9005	
Frame	None	
Rear	Aluminum/1.4016 stainless steel	
Ingress Protection	Front IP 20/Rear IP 20	
<b>Device Dimensions</b>		
W x H x D	130.9 x 69.6 x 32.0 mm	
Weight	290 g.	
<b>Power Supply</b>		
Supply Voltage	Nom. 9 to 32 V DC	
Consumption	Typ. tbd.	
<b>Typical Environmental Conditions</b>		
Storage Temp.	-20 to +70 °C	
Operating Temp.	0 to +45 °C	
Humidity	5 to 90 % RH	

"THIS PRODUCT CAN BE MODIFIED BY ALTERNATIVE ASSEMBLY. PLEASE CONTACT US FOR AVAILABLE OPTIONS."