













NALLINO 4.3 OF PCT

ARM Cortex-A7 Rear Mount

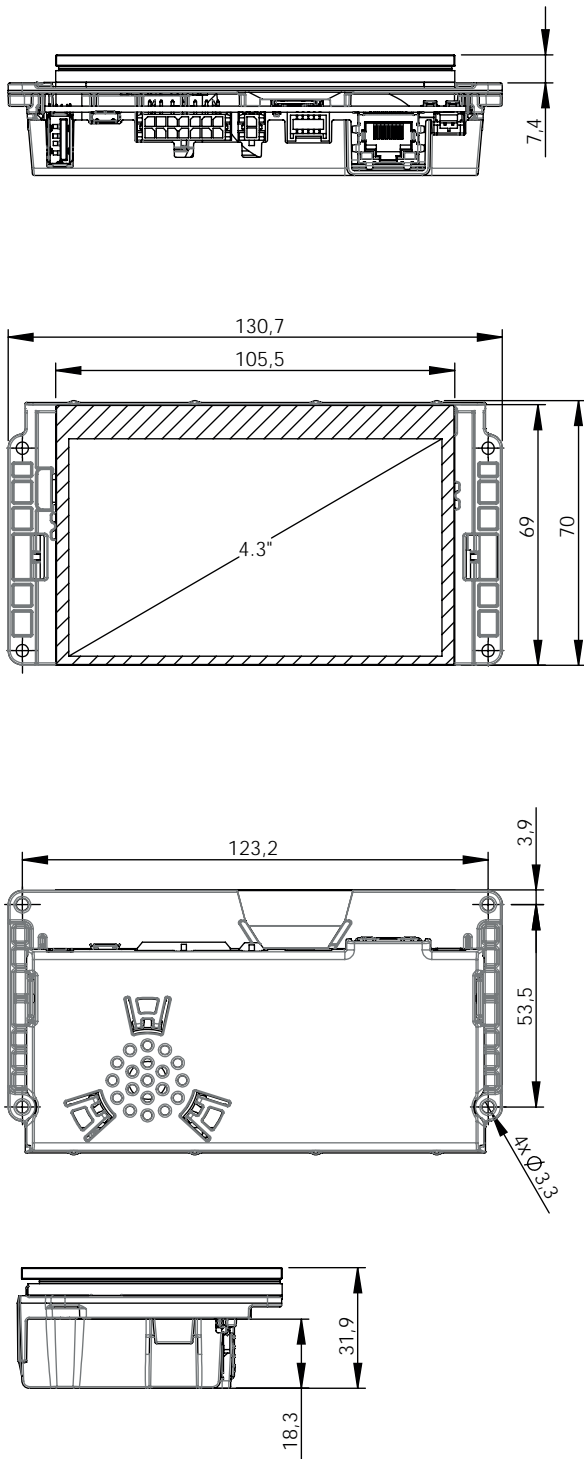
coming soon
subject to change



 <p>512 MB 4 GB</p>	 <p>Audio</p>	 <p>USB 2.0</p>	 <p>SPI / I2C</p>	 <p>Ethernet</p>	 <p>PCAP</p>
 <p>Cortex A7 i.MX6</p>	 <p>micro SD</p>	 <p>RS-232</p>	 <p>RS-485 CAN</p>		 <p>4.3</p>

TECHNICAL SPECIFICATION

NALLINO 4.3 OF PCT



CPU	Standard	M
CPU Type	i.MX6ULL	
Core Class	ARM Cortex - A7	
Core Clock	800 MHz	
Features	NEON for SIMD media acceleration and VFP operations; Display support up to WXGA (1366 x768) at 60 Hz; L1 cache, 32 KB for instruction and 32 KB for data; 128 KB L2 cache	
HW Accelerators	Pixel Processing Pipeline for image resize, rotation, overlay and CSC	
RTC	Accuracy: +/- 30 ppm at 25°C	
Memory		
eMMC Flash	4 GB MLC eMMC	
RAM Standard	512 MB 16 bit DDR3L	
Micro SD Card Slot	4 bit MMC/SDIO/SD/SDHC	
Operating Systems		
Supported OS	Linux Yocto	
Communication Interfaces		
Network	1x 10/100 Mbit/s Ethernet (RJ-45), WiFi on request	
RS-485	1x RS-485 (Half duplex) & 1x CAN (ISO/DIS 11898)	
RS-232	1x RS-232 (RX/TX/CTS/RTS)	
USB 2.0	1x 480 Mbit/s Host (Type A) 1x 480 Mbit/s OTG (Type Micro-AB)	1x 480 Mbit/s OTG (Type Micro-AB)
Synchronous Serial Interface	SPI, I ² C, Matrix Keypad up to 4 x 4	
Audio		
Audio Internal	Buzzer	
Audio output	1x Speaker connector, 1.5 W RMS (80hm)	
Display and Touch		
Size	4.3 inch/109.3 mm	
Resolution	480 x 272 pixel	
Brightness	Typ. 576 cd/m ²	
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	
Housing		
Front	3.0 mm toughened glass, RAL 9005	
Frame	None	
Rear	ABS-PC	
Ingress Protection	Front IP 20/Rear IP20	
Device Dimensions		
W x H x D	130.7 x 70 x 31.9 mm	
Weight	200 g	
Power Supply		
Supply Voltage	Nom. 9 to 32 V DC	Regulated 5V DC
Consumption	Typ. tbd.	
Typical Environmental Conditions		
Storage Temp.	-20 to +70 °C	
Operating Temp.	tbd.	
Humidity	5 to 90 % RH	

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