



## Santino Vision 5 RM MX6

5.0 inch Rear Mount HMI based on NXP i.MX6 processor

Ideal HMI solution for limited installation situations with consistent quality



### HIGHLIGHTS



**CPU**  
NXP i.MX 6 Family



**CONNECTIVITY**  
1x 100MbE, up to 2x USB, 2x RS232, RS485, CAN



**GRAPHICS**  
GC320 2D accelerator + GC880 3D accelerator



**MEMORY**  
Soldered on Board DDR3L memory



yocto  
PROJECT

### MAIN FIELDS OF APPLICATION



Medical



Industrial  
Automation



Smart Devices



Digital Signage

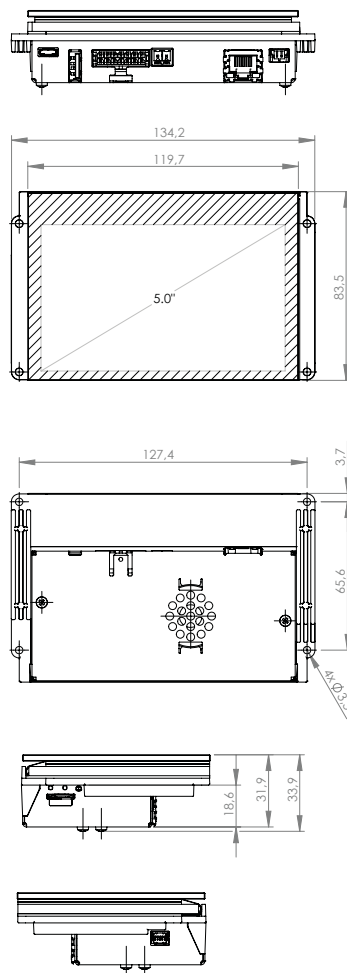
### FEATURES

Processor	NXP i.MX 6 Family, based on Arm® CORTEX-A9 processors: i.MX6S Solo - Single core up to 1 GHz i.MX6DL Dual Lite - Dual core up to 1 GHz per core	Power Supply	9 ÷ 32 V <sub>DC</sub>
Memory	1 GB 32 bit DDR3L	Operating System	Yocto
Graphics	2D graphics accelerator OpenGL® ES 2.0 3D graphics accelerator with a shader	CAN Bus	1x CAN (ISO/DIS 11898)
Video Resolution	5.0 inch display, resolution 800 x 480 LED lifetime typ. 30k hours typ. 420cd/m² brightness P-Cap (Projected Capacitive touch screen), with 2.8mm toughened glass cover, RAL 9005	Operating Temperature*	0°C ÷ +60°C
Mass Storage	eMMC: 4 GB MLC micro SD slot: 4 bit MMC/SDIO/SD/SDHC	Dimensions	134.2 x 83.5 x 33.9 mm
Networking	1x 100MbEthernet	*Measured at any point of SECO standard heatspreader for this product, during any and all times (including start-up). Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider application-specific cooling solutions for the final system to keep the heatspreader temperature in the range indicated.	
USB	1x USB 2.0 OTG micro-AB 1x USB 2.0 Type-A		
Audio	1x speaker (connector), 1 W RMS (8Ω) parallel to internal speaker		
Serial Ports	RS-232, RS-485		

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## BLOCK DIAGRAM



Schrift: 2  
M 1:2,1  
Schraffur 1

# Streamline and expedite your edge computing implementations

## EDGEHOG OS

A flexible operating system that adapts to your needs, thanks to the customization tool and Docker support. Reliability and security are built-in through a dual-partition system and native integration with Exein's robust AI-based protection.

## DATA ORCHESTRATION

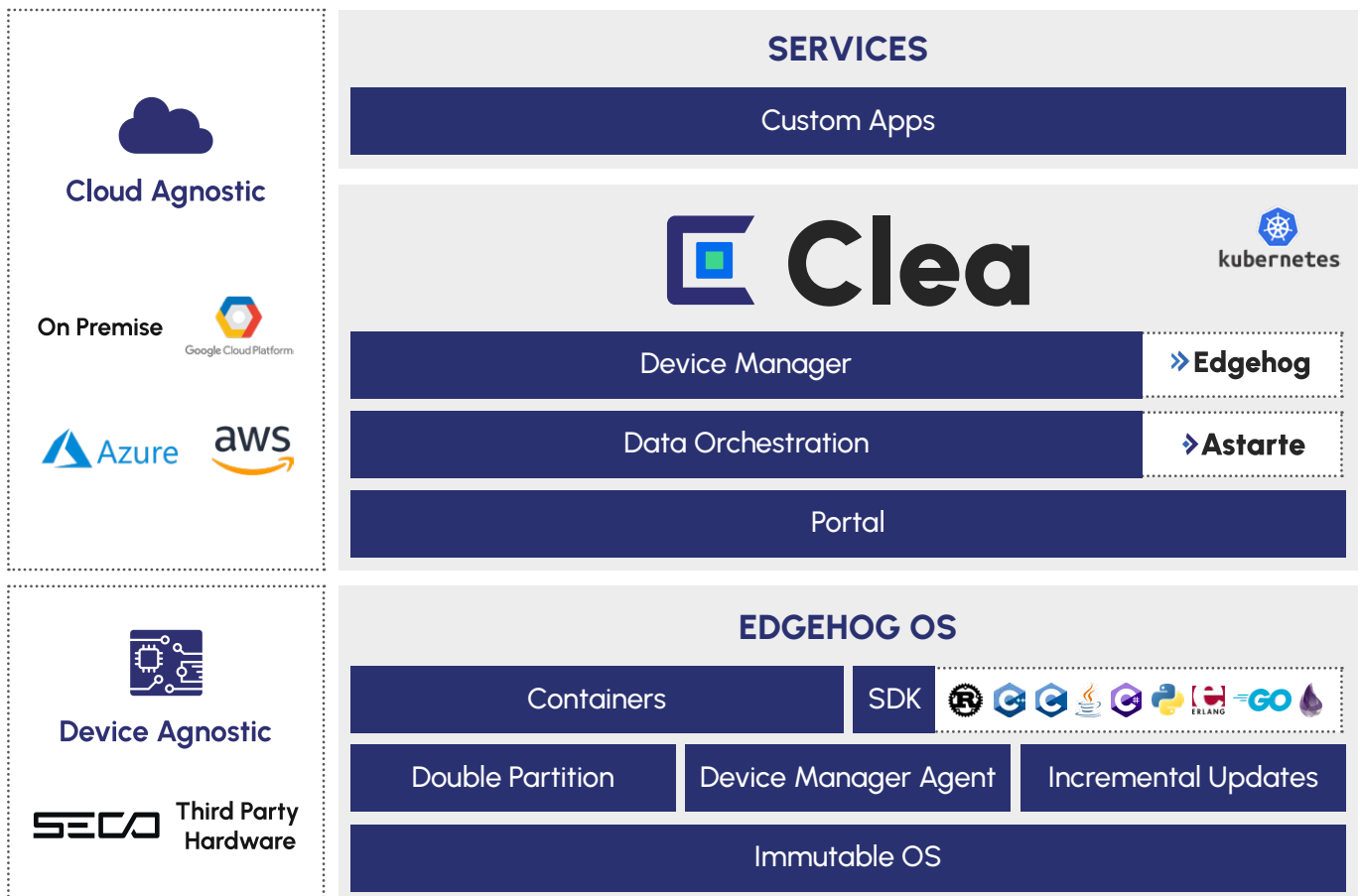
Integrate third-party services, simplify data flows and analysis, and enhance business efficiency by enabling easy and fast utilization of AI.

## DEVICE MANAGER

Update, configure, and manage remote devices. Optimize time and costs to maximize operational efficiency and security without the need for costly field interventions.

## PORTAL

Analyze data from remote devices, customize the user experience with applications tailored to user needs, and manage user rights, company access, and tenant privileges.



Scan to know more about our solution

EDGEHOG OS



CLEA DOCS

