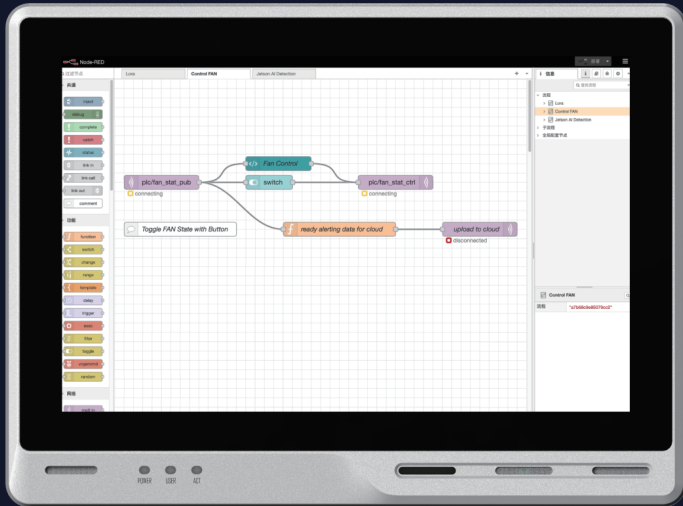


reTerminal DM 10.1" Integrated Device Master



HMI, PLC, Panel PC and Gateway in one

Perfect for distributed hub device



Low code programming for event-driven applications

Natively integrated Node-RED for flow-based editing and one-click deploy, compatible with all software runs on Raspberry Pi



Rugged design for harsh working environment

IP65 front panel, -10~50°C operating temperature



Hybrid connectivity

Support 5G, 4G LTE, LoraWAN®, Wifi, BLE, RS485/232, CANBUS, 1000M Ethernet, USB, HDMI



Open-source design in software and hardware

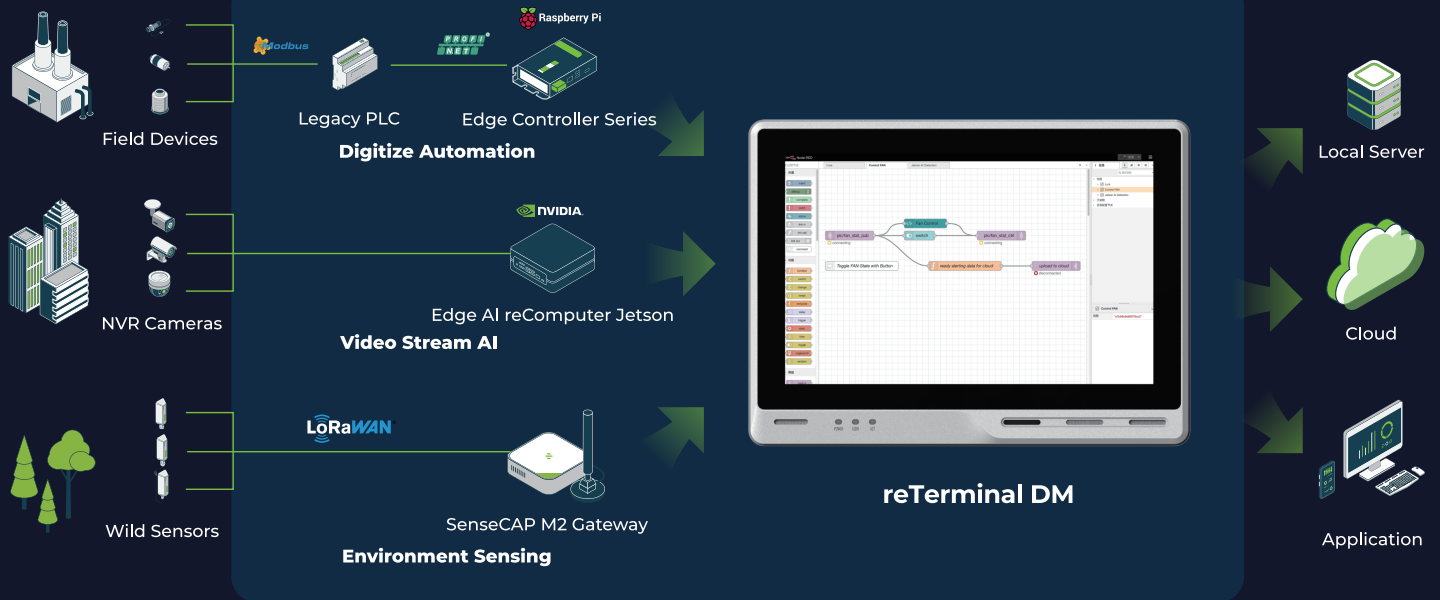
Raspberry Pi CM4 8GB RAM 32GB eMMC core, welcome customization or derivatives



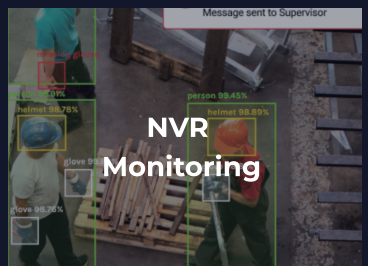
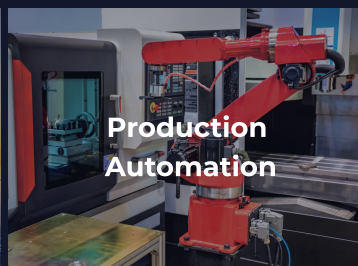
Product warranty

Two-year warranty

An Integrated Device Master to Unify Data Flow and Manage Onsite Device



Application



Specification

Basic	
CPU	CM4
	Quad-core Cortex-A72@ 1.5GHz
Memory	8GB
Storage	32GB eMMC
	M.2 SATA SSD Slot 2280-B Key (optional)
OS Support	Raspbian SenseCraft Edge OS
Display	
Size	10.1"
Max. Resolution	1280 x 800
Max. Colors	16.7M (8-bit)
Luminance (nit)	400
Viewing Angle (H/V°)	170/170
Backlight Life (hrs)	30000
Touch Type	10-point Capacitive
Pencil Hardness	7H
Video&Audio	
Video	HDMI 2.0
Audio	Microphone x 2
	Buzzer
	3.5mm Audio Jack
Camera	CSI (optional)
Interfaces	
Ethernet	1 x 10/100/1000 Mbps
	1 x 10/100/1000 Mbps (optional)
USB	2 x USB-A 2.0 Host
	2 x USB 3.0 (optional)
RS485	1 x RS-485 > Terminal Block 1 x RS-485 > DB9 (optional)
RS232	1 x RS-232 > Terminal Block 1 x RS-232 > DB9 (optional)
CAN	1 x CAN-BUS > Terminal Block
DI	4 x DI > Terminal Block
DO	4 x DO > Terminal Block
40 pin GPIO	Inside

Wireless Communication	
Wi-Fi	On-chip Wi-Fi
BLE	On-chip BLE
LoRa®	Mini-PCIe for LoraWAN® (optional)
Cellular	Mini-PCIe for 4G (optional)
Power	
Input	2-pin Terminal Block
PoE	12W PoE (optional)
Power Range	12-24V DC
Environment	
Ingress Protection	IP65 Front Panel
Operating Temperature	-10~50 °C
Storage Temperature	-20~70 °C
Humidity (Operating)	10~90% RH
Mechanical	
Dimension (W x H x D)	259.4 x 191 x 42.2mm
Enclosure	Die-cast Aluminum Alloy
Mounting	Panel, VESA, Din-Rail
Weight (Net)	1.8Kg
Certification	
	CE, FCC
	RoHS
	Telec
	REACH
Others	
RTC	High Accuracy RTC
Security	ATECC608A
Warranty	2 Years
Heat Dissipation	Fanless

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Official Website: seeedstudio.com

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<https://files.seeedstudio.com/wiki/raspberry-pi/seeed-studio-raspberry-pi-series-catalog-v1.1.pdf>

Know More about Seeed Studio's Raspberry Pi-powered Devices: <https://www.seeedstudio.com/raspberrypi.html>