MOBIX Nano IV – Fanless Compact Video Server

MOBIX NANO IV SERIES

Ultra Compact, robust and powerful Video Server for industral environment, the Mobix Nano IV can be equipped with Intel® i7, i5, i3 Processors.

Standard Fanless Embedded System for Industrial Environment

Fibrenetix Mobix Nano IV is a fully-ruggedized video server, ideal for harsh environments where traditional computers cannot be deployed. Mobix Nano IV video server is designed to operate at high temperatures, in harsh and factory environments.

Main Applications

- Public Safety
- ATM
- Oil and Gas
- Construction
- Water Industry

- Mobix Nano IV is designed for stationary platforms, as a cornerstone for surveillance applications in hazardous environments.

- Mobix Nano IV is 100% noise free and can go completely unnoticed, even in the quietest office environment.

- The mobile video server design makes Mobix Nano IV ideal for harsh environment such as factories, oil refinery & power plants.

- Optional support for a mobile SIM card, Mobix Nano IV can transmit any recorded video streams to a central control room, using 3G/4G.

- Ultra Compact Design.

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Technical Specifications

Product Category	Mobix Nano IV Series
Processor	Intel® Core™ i7-1185G7E, 1.80 GHz Intel® Core™ i5-1145G7E, 1.50 GHz Intel® Core™ i3-1115G4E, 2.20 GHz Intel® Celeron® 6305E Processor,1.80 GHz
Core Logic	Intel® System on Chip
Network	RJ-45 x 1 for 2.5GbE LAN i225-LM x 1 RJ-45 x 1 for GbE LAN i219-LM x 1
Memory	LPDDR4x max 3200 MHz on board memory. Default 4GB or 8GB, max. up to 32GB by customization
M.2	M.2 2280 NVMe Slot x 1
SSD/HDD	2.5" SATA Drive Bay x 1
mSATA	Full-size Minicard x 1 for mSATA (optional)
Expansion Modules	M.2 M key 2280 x 1 (PCIE + SATA, PCIE Gen4 default) Full-size Minicard x 1 (PCIE + USB + SATA
I/O Ports	Video : HDMI2.0b x 1, 4Kx2K 60Hz USB : USB Type-A x 2 for USB3.2 Gen2, USB Type-A x 4 for USB 2.0 DB-9 x 2 for RS-232/422/485 SMA Antenna Holes x 2 DIO : DB-9 for DIO 4 bit x 1 Power Button : x 1
Operating System	Windows® 10, Windows® 10 IoT, Ubuntu 20.04.2
Power Supply	DC-in 12V x 1 for Lockable DC Jack
Operating Temperature	-10°C ~ 55°C, IEC68-2 with 0.5 m/s AirFlow (Turbo boost off)
Storage Temperature	-40˚C ~ 80˚C
Relative Humidity	5 ~ 95% @ 40˚C, non-condensing
Vibration	SSD: Random, 3.5Grms, 5~500Hz
Shock	SSD: 50G @ wallmount, Half-sine, 11ms
Standard/Certification	CE/FCC class A
Dimensions	166 mm (w) x 56 mm (d) x 118mm (h)
Weight	1.0Kg
Mounting	Wallmount
Warranty Period	3 Years

Specifications are subject to change, without prior notice