# 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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Mobix Nano IV Series ENG 26.10.2023

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## Technical Specifications

| Product Category | Mobix Nano IV Series |
|---|---|
| Processor | 11th Gen Intel® Core™ i7/i5/i3/Celeron Processor SoC |
| Memory | LPDDR4x max 3200 MHz on board memory. Default 4GB or 8GB, max. up to 32GB by customization |
| OS Storage (internal 2.5") | 2.5" SATA Drive Bay x 1<br>Full-size Minicard x 1 for mSATA (optional)<br>M.2 2280 NVMe Slot x 1 |
| Network | 2.5GbE Intel i225<br>1GbE Intel i219 |
| Display | HDMI2.0b x 1, 4Kx2K 60Hz |
| I/O Ports | USB Type-A x 2 for USB3.2 Gen2<br>USB Type-A x 4 for USB 2.0<br>DB-9 x 2 for RS-232/422/485<br>SMA Antenna Holes x 2<br>DB-9 for DIO 4 bit x 1<br>Power Button x 1 |
| Operating System | Windows® 10, Windows® 10 IoT, Ubuntu 20.04.2 |
| Power Connector | DC-in 12V x 1 for Lockable DC Jack |
| Power Adaptor | Optional AC/DC 12V/5A, 60W |
| Indicator | System Power LED x 1 (Green) |
| Mounting | Wallmount |
| Voltage | DC-in 12V x 1 for Lockable DC Jack |
| Dimensions – mm  (W x H x D) | 166 mm x 118 mm x 56 mm |
| Net Weight | 1.00KG |
| Environment | 14°F ~131°F (-10°C ~ 55°C), IEC68-2 with 0.5 m/s AirFlow (Turbo boost off) |
| Relative Humidity (%) | 5 ~ 95% @ 40˚C, non-condensing |
| Vibration | SSD: Random, 3.5Grms, 5~500Hz |
| Shock | SSD: 50G @ wallmount, Half-sine, 11ms |
| Standards/Certification | CE/FCC class A |
| Warranty Period | 3 Years |
| BTU/hr (with optional Power Adaptor) | 204.72 |

*Specifications are subject to change, without prior notice*

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