MOBIX NANO III Series

MOBIX NANO III SERVER

Ultra-Compact fanless video server with build-in POE ports
Ideal for In-vehicle CCTV or as a compact ruggedized server for ATM's and hazardous environments.
MOBIX NANO is the ideal video server for Fibrenetix Smart Vehicle Management Solution (SVMS).

Small form factor – when space is at a premium

Mobix Nano III is a ruggedized video server in an Ultra-compact form factor making it ideal for environments where normal servers can not operate. With a wide temperature range from -40°C to 70°C. Mobix Nano III are the ideal server in most hazardous environments. Either as a mobile device in vehicles or as a powerful video and access control server for ATM's (cash point machines). Low voltage DC input offers support for Solar Power or in-vehicle power.

Like MOBIX, the Mobix Nano III has no moving parts and are completely fanless – Mobix Nano III has high tolerances to vibration and shock. The Dual-core processor offers support for up to 24 Cameras recording in HD resolution. The build in mSATA storage disks has enough capacity of up to 30 days recording. Making this little powerhouse one of the best in its class.

Tracking and Video Surveillance Solution for:

Public Transportation, Law Enforcement and Public Safety, Cash-in-Transit, Rental Cars and Driving Institutes, Heavy Equipment, Hazardous Goods, banking/ATM's...

- Ultra-compact video server for mobile and stationary environments
- 100% noise free – easy to conceal
- Low maintenance – easy to field replace in unlikely situation of failures
- Built-in support for GPS tracking and SIM card for 3G/4G mobile communication
- Low voltage DC input (8 to 48V) compatible with most vehicles and even Solar Power units
- Fully tested and compatible with Key VMS's – like Milestone, Genetec, Cathexis, Honeywell and others
- POE ONVIF compatible – all major camera manufacture supported
- Build-in storage for Video recording (SSD based)
- VGA + DP dual display outputs

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Technical Specifications

Product Category	Mobix Nano III
Processor	7th Gen Intel® Core™ i5-7300U Processor, Dual Core, 3MB Cache, up to 3.5 GHz 7th Gen Intel® Core™ i3-7100U Processor, Dual Core, 3MB Cache, 2.4 GH
Core Logic	SoC integrated
Network	GbE1: Intel® I219LM (Support Wake-on-LAN and PXE) GbE2: Intel® I210-AT (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC888S
Memory	8GB DDR4 1866/2133MHz SODIMM
Display	1x VGA (Waterproof connector) Multiple Display : Single Display
SSD/HDD	1x 256GB 2.5" SATA SSD
I/O Ports	COM : 1x RS-232/422/485 by M12 D-Code 8-pin USB : 1x USB 3.0 (Waterproof connector), 2x USB 2.0 by M12 D-Code 8-pin LAN : 2x LAN by M12 X-Code 8-pin Others : 1x Power Switch
Operating System	Windows : Windows 10 Linux : Linux kernel 4.X
Power Connector	M12 A-code 4-pin
Power Adaptor	Optional AC/DC 12V/5A, 60W Optional Waterproof Power Input Cable
Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) Reverse Protection
Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C to 85°C
Relative Humidity	10% to 95% (non-condensing)
Vibration	With SSD: 5 Grms, 5 - 500 Hz, 0.5 hr/axis With HDD: 1 Grms, 5 - 500 Hz, 0.5 hr/axis
Shock	With SSD: 50G, half sine, 11ms
Standard/Certification	IP67, CE, FCC Class A
Dimensions	231 (W) x 292 (D) x 56.5 (H) mm
Weight	4.21KG
Mounting	Wall Mounting
Warranty Period	3 Years
BTU/hr	204,6

* Specifications are subject to change, without prior notice.

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