MOBIX NANO I Series

MOBIX NANO I 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 I 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 I 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 I has no moving parts and are completely fanless – Mobix Nano I 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 storagedisks has enough capacity of up to 30 days recording. Making this little powerhouse one of the best in its class.

Features

■ 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 9 to 48VDC wide range power input supporting AT/ATX mode

■ 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)

■ DVI/VGA output for Video playback

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..

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Europe – Americas – Middle East   sales@fibrenetix.com   www.fibrenetix.com

MOBIX NANO I

Technical Specifications

Product Category	MOBIX Nano I
Processor	Intel® Atom™ Processor E3845, Quad Core, 2MB Cache, 1.91 GHz Intel® Celeron® Processor J1900, Quad Core, 2MB Cache, 2.0 GHz
Core Logic	SoC integrated
Network	GbE1 & GbE2: Intel® I210-AT (Support Wake-on-LAN and PXE)
Audio Codec	Realtek ALC888S
Memory	1x 204-Pin DDR3L 1066/1333MHz SODIMM. Max. up to 8 GB
Display	DVI 1x DVI-I Multiple Display : Dual Display VGA Yes (by optional split cable)
mSATA	1x mSATA (shared by 1x Mini PCI Express)
SIM Socket	2x External SIM socket
Expansion Modules	2x Full-size Mini PCIe
I/O Ports	COM : 2x RS-232/422/485 USB : 1x USB 3.0, 3x USB 2.0CAN : 2x CAN 2.0 A/B 2-pin Internal header LAN : 2x RJ45 Audio : 1x Mic-in, 1x Line-out DIO : 8 in / 8 out (Isolated) Others : 3x WiFi Antenna Holes, 1x Power Switch, 1x AT/ATX Switch, 1x Remote Power On/Off
Operating System	Windows : Windows 10, Windows 7, WES7 Linux : Linux kernel 3.X
Power Connector	3-pin Terminal Block
Power Adaptor	Optional AC/DC 12V/5A, 60W
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	CE, FCC Class A
Dimensions	150 (W) x 105 (D) x 37 (H) mm
Weight	0.69 kg
Mounting	W all Mounting Side / VESA / DIN-Rail Mounting (Optional)
Warranty Period	3 Years
BTU/hr	204,6

Specifications are subject to change, without prior notice