Fanless Vehicle NVR

K-Stor Edge Strada

Transportation Intelligence

Carefully designed to withstand the rigors of moving and similar vehicle use, the K-Stor Edge Norion NVR is designed to be flexible and to enable multiple points of integration, thus enabling a vast universe of connectivity.

Featuring PoE, GPS, 3G, 4G connections and multiple display / COM / CAN bus ports, the solution enables you to run multiple and different types of applications including fleet management and their routes, real-time video surveillance and local recording. or remote.

Temperature

Temperature support -20 to 70 ° C.

Wireless
Communication

Support Wi-Fi, 3G, 4G modules and antenna for Wireless network connectivity.

PoE
Multiple Ports

Edge design has multiple PoE ports, allowing you to function as mobile NVR's when connected to IP surveillance, and / or other systems similar.

GPS
Tracking

In addition to allowing registration georeferencing through antenna and module GPS devices.

Fanless
Design

NVR Edge has a solution for unique thermal dissipation, a result of our improved engineering design. It does not require any moving parts and so it is much less prone to failures, when compared with systems with conventional mechanica ventilation

Military Standard
Vibration & Shock Test

K-Stor Edge conforms with American Standard MILSTD-810G; as far as standards regarding vibration and shock; and has 100% SSD storage.

Convenient DC
Output

Wide voltage range 9 ~ 36 V.

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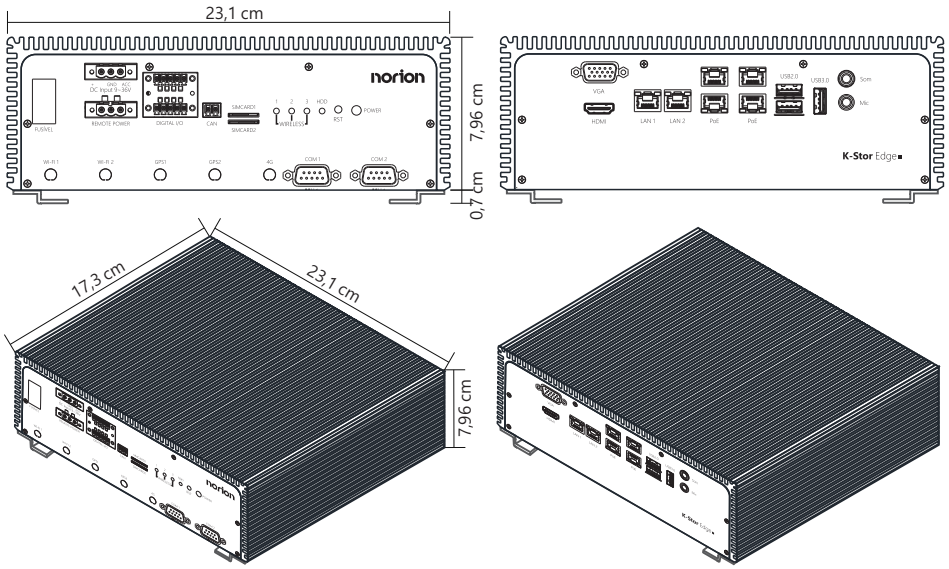
SPECIFICATIONS

up to 4 IP cameras	
Model	Norion® K-Stor Edge
CPU	Onboard Intel®Celeron®J1900SoC (4C, 2M Cache, up to 2.42GHz)
System Memory	204 - pin single channel DDR3L 1333 MHz SODIMM x 1, up to 8GB
Display	**VGA** DB - 15 x 1 for VGA
Interface	**HDMI** - HDMI x 1
Storage	**HDD/SSD** - SATA 6.0 Gb/s x - 1
Device	**mSATA** -mSATA Socket x 1
Network	**LAN** - Intel®Gigabit Ethernet x 2, e PoE x4 (4port 802.3at) **Wireless** - Optional by MiniCard (see below for MiniCard options)
Front I/O	**Power Input** - Min. 9V ~Max. 36V DC-in (OVP: 36.7V, UVP: 8.4V) - 3-pin terminal block x 1 (ACC, V-, V+) **Remote power** - 3-pin Terminal Block x1 **CAN BUS** - (Read-only) 2-pin terminal lock with isolation x1 **DIO** - 8bit GPIO with isolation (10 pin terminal block) **Others** - SIM Socket x 2 - Power On/Off switch x 1
Rear I/O	**USB** - USB 2.0 x 2, USB3.0 x 1, **HDMI** - HDMI x 1 **Audio** - Line-out x 1, Mic-in x 1 **VGA** - 15-pin D-SUB x 1
Expansion - MiniCard	Full MiniCard x 2(2xfull function) Half MiniCard x 1(USB only),

Internal I/O	**Serial Port** - Header for RS-232-x1 - Header for RS-232/422/485 x 1
Indicator	HDD LED (Red) x 1 WLAN LED (Red, for mPCIe) x 3
OS Support	Windows® IoT Linux
Mounting	Wall mounted
System Cooling	Passive
Dimension (W x H x D)	174 x 200 x 60 mm (6.85 x 7.87 x 2.36")
Gross Weight	2.6 kg (5.7 lb)
Operating Temperature	-20 ~70°C (-4 ~158°F) with 0.5m/s Air flow
Storage Temperature	-40 ~85°C (-40 ~185°F)
Anti-Vibration	3 Grms/ 5~500Hz / operation m SATA 1 Grms/ 5~500Hz / operation SSD
Anti-Shock	50G peak acceleration (11msec. duration) mSATA 20G peak acceleration (11msec. duration) SSD
Certification	**EMC** - E-Mark E13
Power Requirement	**Vehicle power:** - Input voltage: 9-36V DC - Supports Ignition cold crank - Supports Ignition on/off - Supports battery protection - Supports power on/off delay
Power Consumption	12v@ 1.68A

DIMENSIONS



COMPONENTS

- Product CD
- VPC-5600S
- Wall mount bracket
- SATA x 2 cable,
- Power cable x 2 (for SATA)