

M100-Nano-AINVR

AI-enabled Embedded NVR Powered by NVIDIA® Jetson Nano™

Features

- NVIDIA® Jetson Nano™ processing/inference engine
 - Quad-core ARM® Cortex®-A57 MPCore processor
 - 128 NVIDIA CUDA® cores
- 8x GbE/PoE for IP GigE cameras
- HDMI, 8-bit digital inputs/outputs, 2x RS-232, 2x USB, GbE for uplink
- Easy to maintain 2.5" SATA storage
- 12V DC input, optional AC/DC PSU

Preliminary



Specifications

M100-Nano-AINVR	
System Core	
Processor	NVIDIA® Jetson Nano™
Memory	4 GB LPDDR4
eMMC	16 GB eMMC 5.1
Graphic Output	
Graphic Output	1x HDMI 2.0
Front Panel I/O Interface	
Ethernet	2x GbE
Camera Interface	8x GbE/PoE (15W each)
USB 3.0	4
USB 2.0	OTG
Serial Port	2x RS-232/485
Side Panel I/O Interface	
DIO	4 input/ 4 output w/ 1KV isolation
Storage Device	
SATA Extension	2.5" SATA SSD
MicroSD	1 (on NVIDIA® Jetson Nano™)
Power Requirements	
DC Input	12V DC input
AC Input	Optional AC-DC adapter, 160W
Fail Reset	Reset/recovery button
Power LED Indicator	Power button
Mechanical	
Dimensions	210 x 170 x 55 (mm)
Weight	TBD
Mounting	Wall mount/ DIN-RAIL
Environmental	
Operating Temperature	0°C ~ +50°C
Operating Humidity	~95% @40°C (non-condensing)
Storage Temperature	-40°C ~ +85°C