



MAGOS EDGE AI APPLIANCE

KEY FEATURES

- Al Inference System Based on Nvidia® and Orin™ NX
- Fanless and ultra-compact design
- Bundle option available with preloaded Magos MASS & AI processing technology
- Supports any ONVIF®-compliant cameras
- Supports up to 2 PTZ cameras concurrently and can be stacked with more appliances to fit any number of cameras and radars



SPECIFICATIONS

PROCESSOR SYSTEM

CPU 6-core NVIDIA Arm® Cortex A78AE v8.2 64-bit CPU (1.5MB L2 + 4MB L3) GPU 1024-core Nvidia Ampere GPU with 32 Tensor Cores Memory 8GB RAM LPDDR5

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Ethernet 1 x 10/100/1000 Mbps

Display HDMI (Max. resolution 3840x2160 @ 60Hz) USB External: 2 x USB 3.2 Gen 1, 1 x USB 2.0 Internal: 1 x USB 2.0 (by pin header) OTG USB

1 x Micro USB

EXPANSION

Mini PCIe 1 x mPCIe (Signal: PCIe + USB 2.0) M.2 1 x M.2 3052 (B-Key, Signal: USB) SIM 2 x Nano SIM slots

STORAGE

M.2 1 x M.2 2280 (M-Key, NVMe, Signal: PCIe x4) SD Card 1 x Micro SD

POWER

Mode Terminal block, 2-pin, AT Input Voltage 9 ~ 36 VDC, 25W

ENVIRONMENTAL

Operating Temperature -10 ~ 60 °C with 0.7 m/s airflow Operating Humidity 95% @ 40 °C (non-condensing) Vibration 3 Grms @ 5 ~ 500 Hz, random, 1 hr/axis Shock 10G / 11ms

CERTIFICATIONS

CB/UL/CE/FCC/BSMI/CCC (No RED certification)

MECHANICAL

Dimensions (W x D x H) 130 x 130 x 46 mm (5.1" x 5.1" x 1.8") Weight 1.2 kg (2.65 lb) Installation Desktop / Wall mount

BSP

<mark>Jetpack</mark> Above 5.1

ORDERING P/N

Magos Edge Al Appliance Bundle MSA1558A-BU

Edge AI Appliance preloaded with MASS and 2 AI-PTZ licenses.

Magos Edge Al Appliance MSA1558A

Edge AI Appliance for 2 PTZ cameras. Industrial grade, Micro form factor.

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