

IL-R212-AI-M SERIES








IRONLINK® 2U RACKMOUNT 12-BAY AI NVR FOR MILESTONE

PRODUCT OVERVIEW

The IL-R212-AI-M is an 8-bay AI-enhanced video surveillance appliance purpose-built for Milestone XProtect®. Powered by the Intel® Xeon® Scalable processor and the Hailo-8 Inferencing Module for fast and stable performance, this system is capable of 20+ streams running 40 basic analytics. This NVR supports up to 1TB of RAM and 288TB of HDD storage – all in a 2U rackmount chassis. More than an NVR, these appliances offer a low total cost of ownership and leverage Canopy Cloud RMM at no extra cost for remote device management that significantly reduces truck rolls to customer sites, saving time and money.



KEY FEATURES

-  Up to 288TB of Raw Storage
-  Enterprise Class SAS Drives
-  Intel® Xeon® Scalable Processor
-  Powered by the Hailo-8 Inferencing Module
-  4-Stream Perpetual CVEDIA License Included
-  Milestone Preloaded and License-Ready
-  5-Year ProSupport NBD On-Site with KYHD



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SYSTEM

Operating System:

Windows® 10/11 IoT Enterprise
Windows® Server 2019/2022
Standard
Ubuntu® Linux 20/22.04

Supported CPU:

Up to (2) Intel® Xeon® Scalable

Memory Configuration:

(16) RDIMM Slots
Up to 1TB DDR5 ECC

Embedded Networking:

(2) RJ45 1GbE Ports

Expanded Networking:

(4) RJ45 1GbE Ports (OCP)
Dual CPU: (2) 10/25GbE SFP28

Expansion Slots:

Single CPU:
(1) PCIe 4.0 x16 LP
(1) PCIe 4.0 x8 LP
(2) PCIe 5.0 x8 LP
Dual CPU:
(2) PCIe 5.0 x16 LP
(3) PCIe 4.0 x16 LP
(2) PCIe 4.0 x8 LP

GPU Support:

(1) Single Wide LP/HL

Onboard Management:

iDRAC Enterprise

SYSTEM (CONT.)

Security Module:

Trusted Platform Module
(TPM) 2.0

MECHANICAL

Form Factor:

2U Rackmount

Power Supply:

(2) 800W 100-240V AC
Platinum Hot-Swap

Environmental:

Operating Temperature:
50°F ~ 95°F (10°C ~ 35°C)

Non-Operating Temperature:
-40°F – 149°F (-40°C – 65°C)

Operating Rel. Humidity:
10% – 85% (non-condensing)

Non-Operating Rel. Humidity:
10% – 90% (non-condensing)

Dimensions (WxDxH):

18.97" x 27" x 3.41"
(482 mm x 686 mm x 86.8 mm)

Weight:

70 lb (33.1 kg)

Warranty:

5-Year ProSupport NBD
On-Site with KYHD

STORAGE + I/O

Drive Bays:

(12) Hot-Swap 3.5" SAS

M.2 Slots:

(2) M.2 SSD BOSS slots

Supported RAID Levels:

OS M.2 SSD drives: 0, 1
Data drives: 0, 1, 5, 6, 10

RAID Controller:

PERC H755 8GB

AI Accelerator:

(1) Hailo-8 Century 4 Card

I/O Ports:

FRONT:
(1) USB 2.0

REAR:
(1) USB 3.0
(1) USB 2.0

Video Outputs:

(1) VGA Port Front
(1) VGA Port Rear