

IL-CUBEP SERIES

IRON LINK® PROFESSIONAL CUBE NETWORK VIDEO RECORDING SERVER

PRODUCT OVERVIEW

The Iron Link® Professional Cube (IL-CUBEP) is a compact, purpose-built network video recorder designed for entry-level surveillance recording and edge storage deployments. Powered by the latest Intel® Core™ Ultra processor platform, the Cube delivers reliable performance in a space-efficient form factor while supporting up to 128GB of DDR5 memory and 128TB of raw storage. Despite its small footprint, the system supports a 50W low-profile GPU or discrete RAID adapter, enabling flexible configurations for VMS workloads, video analytics, or high-reliability storage. Backed by Velasea's 5-year next-business-day on-site support, the Cube provides integrators and security teams with a dependable, right-sized platform for modern surveillance environments.



KEY FEATURES

-  Up to 128TB of Raw Storage
-  LP GPU-Ready -or- Discrete RAID
-  Intel® Core™ Ultra Processor
-  5-Year NBD On-Site with KYHD



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SYSTEM

Operating System:

Windows® 11 Pro
Windows® 10/11 IoT Enterprise
Ubuntu® Linux 20/22.04

Supported CPU:

(1) Intel® Core™ Ultra

Memory Configuration:

(2) SODIMM Slots
Up to 128GB DDR5 Non-ECC

Embedded Networking:

(1) RJ45 1GbE Port
(1) RJ45 2.5GbE Port

Expansion Slots:

(1) PCIe x16 Gen5

GPU Support:

(1) Single Wide LP/HL

RAID:

LSI MegaRAID SAS 9560-8i
(4GB Cache) (Optional)

GPU Support:

Up to (1) SFF Single Wide GPU

Security Module:

Trusted Platform Module (TPM)
2.0

MECHANICAL

Form Factor:

Compact Cube

Power Supply:

(1) 315W Internal 80+

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:
20% – 80% (non-condensing)

Non-Operating Rel. Humidity:
5% – 95% (non-condensing)

Dimensions (WxDxH):

8.27" x 10.87" x 9.06"
(210 mm x 276.1 mm x 230 mm)

Weight:

13.3 lb (6 kg)

Warranty:

5-Year NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(4) Hot-Swap 3.5" SATA

M.2 Slots:

(1) M.2 slots (2280)

I/O Ports:

FRONT:
(2) USB 3.0

REAR:
(5) USB 3.2
(1) USB 4, Type-C TB
(2) RS-232/422/485

Video Outputs:

(1) DisplayPort Type-C
(1) DisplayPort
(2) HDMI 2.1