

Aurora AILS-1680-CMAI Iron Link Server

- ▶ Built-in 16 PoE port, 802.3af/at, 30W
- ▶ AI Ready Appliance
- ▶ Canopy Cloud Management
- ▶ Storage up to 80TB
- ▶ Windows IOT / Linux
- ▶ Trusted Platform Module (TPM)
- ▶ 3 Year NBD Warranty*



SPECIFICATIONS

Operating System

- Embedded Windows[®] 10 / Ubuntu[®] Linux

RAM

- (2) DDR5, 8GB | Optional: (2) 16GB

Graphics

- Intel[®] UHD Graphics 730 / 770

Display Port Output

- (2) Up to 7680x4320 @60Hz

Audio Input

- (1) 3.5 mm TRS Jack

USB Port

- FRONT: (2) USB 2.0; (1) USB 3.2
REAR: (1) USB 3.2; (1) USB 3.2, Type-C

IPCAM Throughput

- Average: 640Mbps
Peak: 840Mbps
(with i5)

Compression Format

- H.264 / H.265

CPU

- Intel[®] Alder Lake i5 (Optional: i3/i7)

Boot Drive(PCIe x4)

- M.2 SSD, 512GB

AI Accelerator

- HAILO 8 Inferencing Module

HDMI Output

- (2) Up to 4096x2160 @60Hz

Audio Output

- (1) 3.5 mm TRS Jack

SYSTEM

RECORDING + PLAYBACK*

GPU Hardware Decoding

- 128CH real-time display (with i5)
| Up to 3840 fps @ D1 decoding

STORAGE + I/O

SATA Interface

- (4) 3.5" SATA

Hardware RAID*

- N/A

Digital Input*

- Optional: (4) Input level +/- 24V DC, Terminal Block

COM Port*

- Optional: (1) RS-232/RS485, Terminal Block

eSATA Interface

- N/A

M.2 Interface (M-Key)

- (3) PCIe x4; (1) PCIe x2

Relay Output*

- Optional: (1) 24V, 1A, Solid State Relay, Terminal Block

NETWORK

WAN Uplink

- (2) RJ-45, 10M/100M/1G/2.5Gbps

LAN Port with POE

- (16) RJ-45, 10/100 Mbps

Total PoE Budget

- 240W

LAN Uplink

- (2) RJ-45, 10/100/1000 Mbps

PoE Level

- (16) IEEE 802.3 af/at

PoE & Switch Mgmt.

- Windows 10 SDK / Linux SDK

GENERAL

Unit Dimensions

- 428 mm x 435 mm x 44 mm

Operating Temperature

- 32°F ~ 104°F / 0°C ~ 40°C

System Power Supply

- AC 100 ~ 240V, 420W (53V / 280W, 12V / 140W)

Unit Weight

- 4.5 kg

Operating Humidity

- 10% ~ 90% (non-condensing)