

# IL-1U-PLUS SERIES

## IRONLINK® DUAL-GPU 1U SHORT DEPTH SYSTEM

### PRODUCT OVERVIEW

The IL-1U-PLUS is a high-performance 1U short-depth rackmount system designed for demanding edge AI applications. Engineered for extreme flexibility, it supports two full-height/full-length GPUs and is powered by Intel® 14th Gen Core™ processors. With up to 30TB of storage, eight 4K video channels, and a compact 13.5" chassis, it delivers powerful computing in a space-efficient design. Pre-installed with Windows® 10 IoT or Ubuntu®, the IL-1U-PLUS is an ideal solution for AI inference, video analytics, and other GPU-accelerated workloads. Backed by a 3-year depot warranty, it ensures reliability for mission-critical deployments.



### KEY FEATURES



Up to 30TB Storage



Intel® Core™ 14th Gen Processors



Supports Two (2) Full-Height/Full-Length GPUs



Short Depth 1U Chassis - 13.5"



Up to Eight (8) 4K Video Channels



3-Year Depot Warranty



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### SYSTEM

**Operating System:**

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

**Supported CPU:**

(1) 14th Gen Intel® Core™ i3-i9

**Memory Configuration:**

Up to 64GB DDR4 RAM

**Networking:**

(2) Intel® i225 2.5GbE NICs  
Optional: (1) Intel® WiFi 6

**PCIe x16 Support:**

(2) NVIDIA® RTX 4000 Ada  
(2) NVIDIA® RTX A1000  
(2) NVIDIA® RTX A400  
(1) NVIDIA® RTX 2000 Ada  
(1) RAID Controller  
(1) Network Interface Card

### MECHANICAL

**Form Factor:**

1U Short Depth Rackmount

**Power Supply:**

(1) 500W FlexATX 80+ PSU  
90–264VAC Input Voltage

**Operating Temperature:**

32°F – 104°F (0°C – 40°C)

**Dimensions (WxDxH):**

13.6" x 17.3" x 1.75"  
(345 mm x 440 mm x 44.5 mm)

**Weight:**

11 lb (4.99 kg)

**Warranty:**

3-Year Depot Warranty

### STORAGE + PORTS

**Storage Slots:**

(1) M.2 NVMe 2280 SSD  
(1) M.2 NVMe/SATA 2242 SSD

(2) Fixed 2.5" SSD

-or-

(1) Fixed 3.5" HDD

**Expansion Slots:**

(2) PCIe x16 Slots (FHFL)  
(1) M.2 2280 PCIe Gen4 x4  
(1) M.2 2242 PCIe Gen4 x4 / SATA  
(1) M.2 3042/3052 PCIe x1, USB, SIM

**I/O Ports:**

(1) HDMI 2.0b  
(2) DP 1.4a  
(1) VGA  
(2) 2.5GbE LAN  
(4) USB 3.2, Gen2  
(1) Mic-In/Line-Out  
(2) COM RS-232/422/485