

IL-STWP SERIES






IRON LINK® PROFESSIONAL SMALL TOWER GPU-READY WORKSTATION

PRODUCT OVERVIEW

The Iron Link® STWP is a high-density, small tower GPU-Ready workstation designed for professional surveillance environments that require reliable performance. Powered by Intel® Core™ Ultra processors, the system supports up to 256GB of DDR5 memory and 160TB of enterprise-class storage, delivering the performance and capacity needed for modern VMS deployments. With dedicated hardware RAID and integrated remote management, the IL-STWP provides the resilience and manageability expected in enterprise security infrastructure and backed by Velasea's 5-year next-business-day on-site support.



KEY FEATURES

-  Up to 160TB of Raw Storage
-  Large Form Factor Hard Drive Bays
-  Intel® Core™ Ultra Processor (U5/U7/U9)
-  GPU-Ready
-  5-Year NBD On-Site with KYHD



IL-STWP SERIES

IRON LINK® PROFESSIONAL SMALL TOWER GPU-READY WORKSTATION

SYSTEM

Operating System:

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

Supported CPU:

(1) Intel® Core™ Ultra (U5/7/9)

Memory Configuration:

(4) UDIMM Slots
Up to 256GB DDR5
288-pin ECC/Non-ECC

Embedded Networking:

(2) 10GbE RJ45 (Future Release)
(2) 1GbE RJ45

Expansion Slots:

(1) PCIe 5.0 x16
(1) PCIe 5.0 x4 (RAID Card)

Onboard Management:

Dedicated IPMI

GPU Support:

Up to
(1) Single Wide FH/FL
-OR-
(1) Double Wide HH/FL

Security Module:

Trusted Platform Module (TPM)
2.0

MECHANICAL

Form Factor:

Small Tower

Power Supply:

(1) 850W Internal, 80 Plus Gold

Environmental:

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):

6.7" x 14.1" x 13.8"
(170 mm x 360 mm x 350 mm)

Weight:

25.6 lb (11.61 kg)

Warranty:

5-Year NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(2) Internal Fixed 3.5" SATA

OPTIONAL:

(3) Hot-Swap 3.5" SATA
(2) Internal Fixed 2.5" OS SSD
SATA

M.2 Slots:

(2) M.2 2280 (PCIe4.0 x4)

I/O Ports:

FRONT: (All Systems)

(2) USB 2.0
(1) USB 3.2
(1) USB 3.2, Type-C
(2) 3.5 mm Audio Jack

REAR:

(2) Type-A (USB3.2 Gen1)
(1) RS232
(1) RJ45 IPMI

Video Outputs:

(1) VGA Port
(1) HDMI
(1) Display Port