

IL-MTWD SERIES




IRONLINK® MID-TOWER GPU-READY WORKSTATION

PRODUCT OVERVIEW

The IL-MTWD is an entry-level recording server powered by a 14th Gen Intel® Core™ processor for fast and stable performance. This robust machine offers the latest features, up to 128GB of RAM and 4TB of SSD storage, along with up to 72TB of HDD storage – all bundled into a compact tower chassis. This unit is our mainstream surveillance workstation and entry-level recording server. With optional advanced GPU cards for multi-monitor installations, the MTWD is our go-to system for demanding workloads.



KEY FEATURES

-  Up to 72TB of Raw Storage
-  Large Form Factor Hard Drive Bays
-  14th Gen Intel® Core™ Processor
-  GPU-Ready
-  Windows® 10 IoT Enterprise
-  5-Year ProSupport 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:

14th Gen Intel® Core™
Processors

Memory Configuration:

(4) UDIMM Slots
Up to 128GB DDR5 Non-ECC

Embedded Networking:

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

Expansion Slots:

(1) PCIe 5.0 x16 FH
(1) PCIe 4.0 x4 FH
(1) PCIe 3.0 x4 FH

GPU Support:

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

Security Module:

Trusted Platform Module
(TPM) 2.0

MECHANICAL

Form Factor:

Mid Tower

Power Supply:

(1) 1000W Internal,
92% Efficient, 80 Plus Platinum

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):

6.81" x 16.54" x 14.68"
(173 mm x 420.2 mm x 372.9 mm)

Weight:

35.38 lb (16.05 kg)

Warranty:

5-Year ProSupport NBD
On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(3) Internal Fixed 3.5" SATA

M.2 Slots:

(2) M.2 slots (2230/2280)
(1) M.2 slot (2280)
(1) M.2 slot for Wi-Fi/Bluetooth
Card (2230)

I/O Ports:

FRONT:
(2) USB 3.2
(2) USB 3.2, Type-C

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

Video Outputs:

(2) DisplayPort