



Z14I Laptop

Rugged Portable RAID Server

The Z14I Rugged Portable RAID Server is designed to house up to staggering seven storage drives. Equipped with a high-quality storage expansion chassis, four SATA III SSDs can be installed in the easy-removable SSD chassis that can run in multiple RAID configurations (RAID 0, 1, 5, 10) thanks of its hardware RAID controller for enterprise-class server applications.

- Portable, High Capacity up to 7 Storage Drives
- Configurable for various RAID Levels 0, 1, 5, 10
- Certified IP65 Ingress-protection
- Rugged & Compact Design for Easy Deployment
- Easy-removable SSD Chassis with LED Indicators



Z14I Specifications

DURABILITY

- MIL-STD 810H certified (Rain, Dust)
- IP 65 certified
- Aluminum-magnesium alloy chassis
- Port covers
- Removable quick-release battery
- Two removable quick-release storage drives
- Sunlight readable display
- Optional swappable battery technology

OPERATING SYSTEM

Windows® 11 Pro 64-bit

PROCESSORS

Intel® Core™ Ultra 5 125U (12MB Cache, up to 4.3 GHz, 12 cores, 14 threads with Intel® AI Boost NPU)
Intel® Core™ Ultra 7 155U (12MB Cache, up to 4.8 GHz, 12 cores, 14 threads with Intel® AI Boost NPU)

GRAPHICS

Intel® Iris® Xe Graphics

MEMORY

2 slots 16GB up to 64GB (5600MHz DDR5)

STORAGE

Main: 512GB/1TB/2TB NVME PCIE SSD
Chassis: up to 4x 1TB/2TB SATA SSD

- Optional 256GB/512GB/1TB SATA SSD
- Optional OPAL 2.0 SSD
- Optional 2nd storage NVME PCIE SSD
- Optional 3rd storage SATA SSD¹

DISPLAY

- 14.0" FHD (1920 x1080)
- 1200 nits DynaVue® sunlight readable display with capacitive multi-touch screen
- User selectable touch mode for Finger/Water, Glove, or Stylus programmable function

AUDIO

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker x 2
- Keyboard volume and mute controls

CAMERA

- Integrated 2.0 MP web-cam with shutter design
- Optional 5.0 MPIR camera for Windows Hello

KEYBOARD & INPUT

- 2 user-definable keys (P1/P2)
- Standard membrane keyboard with LED backlight

COMMUNICATIONS

- Integrated 10/100/1000 Ethernet
- Intel® Wi-Fi 7 BE200 (802.11be)
- Bluetooth® V5.4
- Optional dedicated GPS module (UBLOX-NEO-M9N)
- Optional 4G LTE multi-carrier mobile broadband
- Optional 5G
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

SECURITY

- Intel® vPro™ Technology
- TPM 2.0
- NIST BIOS compliant
- Easy removable SSD
- Smart card reader
- Stealth mode
- Night vision mode
- Kensington lock
- Optional Windows Hello¹
- Optional fingerprint scanner
- Optional LF/HF RFID reader

I/O INTERFACES

- Thunderbolt 4 (type C) x 2
- USB 3.2 Gen2 (type A) x 1
- USB 3.2 Gen1 (type A) x 1
- Audio in/out (combo jack) x 1
- microSD card (microSDXC) x 1
- 10/100/1000 Ethernet (RJ45) x 2
- VGA port (D-sub, 15-pin) x 1
- HDMI port (type A) x 1
- Serial port (RS232/RS422/RS485 : D-sub, 9-pin) x 2
- Dual SIM (Nano SIM & eSIM)
- Smart card reader x 1
- ExpressCard 54 x1
- DC-In jack x 1
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

MEDIA BAY (One Option Only)

- Optional DVD super multi
- Optional 2nd battery
- Optional SATA SSD

EXPANSION BOX

- Storage expansion with RAID 0/1/5/10¹
- Optional military-grade connector¹

POWER

- AC adapter : 100-240V, 50Hz-60Hz, 120W
- Main battery Li-Ion, 10.8V, 6900mAh²
- Optional 2nd battery Li-Ion 10.8V, 4700mAh²

ENVIRONMENT

- Temperature
Operating : -29°C ~ 63°C / -20°F ~ 145°F
Storage : -51°C ~ 71°C / -60°F ~ 160°F
- Humidity : 5% ~ 95%

DIMENSION & WEIGHT

- 356 mm (L) x 280 mm (W) x 50 mm (H)³
- 3.6 kg³
- 356 mm (L) x 280 mm (W) x 98 mm (H)^{3,4}
- 5.5 kg^{3,4}

WARRANTY

3-year limited warranty standard

1. Contact your sales representative for feature availability
2. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
3. Weight and dimension vary from configurations and optional accessories.
4. Dimension measured with storage expansion chassis.