

DURABOOK

Prepared for the Unexpected



Z14I-HG Mobile Workstation

RTX Ada Powered. Mission-Ready AI Performance.

- 14.0" FHD DynaVue® sunlight readable display with 1200 nits
- Intel® Core™ Ultra processor with integrated NPU AI engine
- Equipped with NVIDIA® RTX Ada GPU and GDDR6 memory
- MIL-STD-810H, MIL-STD-461G and IP66 certified
- Edge AI Acceleration with 682 TOPS
- Optimized for Generative AI, inference, and 3D modelling/simulation



**Dyna
Vue**



Z14I-HG Specifications



DURABILITY

- MIL-STD 810H certified (Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Solar Radiation, Salt Fog, Fungus Resistance)
- MIL-STD 461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- IP 66 certified
- Magnesium alloy chassis
- Port covers
- Removable quick-release battery
- Two removable quick-release storage drives
- Sunlight readable display

OPERATING SYSTEM

Windows® 11 Pro 64-bit

PROCESSORS

- Intel® Core™ Ultra 7 165U (12MB Cache, up to 4.9 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® Graphics
NVIDIA® RTX 3500 Ada with 12GB GDDR6 memory
• Optional NVIDIA® RTX 5000 Ada with 16GB GDDR6 memory

MEMORY

2 slots 32GB up to 64GB (5600MHz DDR5)

STORAGE

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

DISPLAY

- 14.0" FHD (1920 x 1080)
- 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 MP IR camera for Windows Hello¹

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 modul (UBLOX-NEO-M9N)
- Optional 4G LTE multi-carrier mobile broadband
- Optional 5G

SECURITY

- Intel® vPro™ Technology
- Secured-Core PC¹
- 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 (NFC) reader¹

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
- USB 2.0 (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 2.1 port (type A) x 5
- Serial port (RS232/RS422/RS485: D-sub, 9-pin) x 2
- Dual SIM (Nano SIM & eSIM)
- Smart card reader x 1
- ExpressCard 54 x 1
- DC-In jack x 1

MEDIA BAY

(One Option Only)

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

POWER

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

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 77 mm (H)²
- 4.9 kg³

WARRANTY

3-year limited warranty standard

1. Contact your sales representative for feature availability.
2. Height is without the bumper stands of the expansion chassis.
3. Weight varies from configurations and optional accessories.



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