

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



DURABILITY	<ul style="list-style-type: none"> 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
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OPERATING SYSTEM	Windows® 11 Pro 64-bit
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PROCESSORS	<ul style="list-style-type: none"> 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)
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GRAPHICS	<ul style="list-style-type: none"> Intel® Graphics NVIDIA® RTX 3500 Ada with 12GB GDDR6 memory Optional NVIDIA® RTX 5000 Ada with 16GB GDDR6 memory
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MEMORY	2 slots 32GB up to 64GB (5600MHz DDR5)
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STORAGE	<ul style="list-style-type: none"> 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
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DISPLAY	<ul style="list-style-type: none"> 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
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AUDIO	<ul style="list-style-type: none"> Integrated microphone Intel® High Definition Audio Compliant Integrated speaker x 2 Keyboard volume and mute controls
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CAMERA	<ul style="list-style-type: none"> Integrated 2.0 MP web-cam with shutter design Optional 5.0 MP IR camera for Windows Hello¹
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KEYBOARD & INPUT	<ul style="list-style-type: none"> 2 user-definable keys (P1/P2) Standard membrane keyboard with LED backlight
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COMMUNICATIONS	<ul style="list-style-type: none"> 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
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SECURITY	<ul style="list-style-type: none"> 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
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I/O INTERFACES	<ul style="list-style-type: none"> 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
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MEDIA BAY (One Option Only)	<ul style="list-style-type: none"> Optional DVD super multi Optional 2nd battery Optional SATA SSD
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POWER	<ul style="list-style-type: none"> AC adapter : 100-240V, 50Hz-60Hz, 240W Main battery Li-Ion, 10.8V, 6900mAh Optional 2nd battery Li-Ion 10.8V, 4700mAh
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ENVIRONMENT	<ul style="list-style-type: none"> Temperature <ul style="list-style-type: none"> Operating : - 29°C ~ 63°C / - 20°F ~ 145°F Storage : -51°C ~ 71°C / -60°F ~ 160°F Humidity : 5% ~ 95%
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DIMENSION & WEIGHT	<ul style="list-style-type: none"> 14.02" (W) x 11.02" (D) x 13.02" (H)² 10.72 lbs³
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WARRANTY	3-year Accidental Damage Warranty
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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.

