DURABOOK

Prepared for the Unexpected



Copilot+PC

R12 Tablet

EDGE AI ON THE MOVE

- 12.2” WUXGA LCD DynaVue® sunlight-readable display with 1200 nits and capacitive touchscreen
- Intel® Core™ Ultra Series 3 processor with integrated NPU, total up to 180 TOPS and optional NVIDIA® GPU
- Flexible battery options, including dual hot-swappable battery design and high-capacity battery
- Built-in 2.5Gbps LAN port, dual SIM, optional 5G, Wi-Fi 7 and Bluetooth® V6.0
- Copilot+ PC with enhanced security including Dual-Camera with dynamic shutter design and Windows Hello
- Versatile I/Os configurations including Thunderbolt™ 4 and optional RFID, barcode & smart card reader

MIL-STD 810H | MIL-STD 461G | IP66 CERTIFIED | 6 ft drop | C1D2 ANSI | STANDARD 3 YEAR WARRANTY | DynaVue

R12 Specifications

Windows 11

DURABILITY	• MIL-STD-810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Salt Fog) • MIL-STD-461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility) • Optional ANSI/UL 121201, Class I, Division 2 • 6' drop 26 faces • IP 66 certified • Magnesium alloy chassis • Port covers • Sunlight readable display • Optional dual hot-swappable battery technology
OPERATING SYSTEM	Windows® 11 Pro 64-bit
PROCESSORS	• Intel® Core™ Ultra 7 366H vPro® Enterprise (18M Cache, up to 4.80 GHz, 16 cores) • Intel® Core™ Ultra 7 356H (18M Cache, up to 4.70 GHz, 16 cores) • Intel® Core™ Ultra 7 365 vPro® Enterprise (12M Cache, up to 4.80 GHz, 8 cores) • Intel® Core™ Ultra 7 355 (12M Cache, up to 4.70 GHz, 8 cores) • Intel® Core™ Ultra 5 335 vPro® Enterprise (12M Cache, up to 4.60 GHz, 8 cores) • Intel® Core™ Ultra 5 325 (12M Cache, up to 4.50 GHz, 8 cores)
NPU	Intel® AI Boost (up to 50 TOPS)
GRAPHICS	• Intel® Graphics • Optional NVIDIA® RTX 2000 Ada[1,4] • Optional NVIDIA® RTX A500[1,4]
MEMORY	Onboard 16GB up to 64GB (LPDDR5x)
STORAGE	256GB NVMe PCIe SSD • Optional 512GB/1TB/2TB NVMe PCIe SSD • Optional OPAL 2.0 SSD
DISPLAY	• 12.2" WUXGA LCD (1920 x 1200) 1200 nits DynaVue® sunlight readable display with capacitive multi-touch screen • Optional with digitizer • User selectable touch mode for Finger/Water, Glove, or Stylus programmable function • Support Microsoft Pen Protocol (MPP) 2.0 active pen function
AUDIO	• Integrated microphone x 2 • Intel® High Definition Audio Compliant • Integrated speaker x 2 • Keyboard volume and mute controls
CAMERA	• Integrated 5.0 MP IR camera for Windows Hello with dynamic shutter design • Optional 13.0 MP rear auto-focus camera with flash and dynamic shutter design
KEYBOARD & INPUT	• 7 buttons (4 user-definable keys)
COMMUNICATIONS	• Integrated 2.5Gbps Ethernet • Intel® Wi-Fi 7 R2 BE211 (802.11be) • Bluetooth® V6.0 • Optional dedicated GPS module (UBLOX-NEO-M9N) • Optional 5G • Optional RF antenna pass-through for GPS, WWAN, and WLAN
SECURITY	• Intel® vPro® Technology (per CPU options) • Secured-core PC • TPM 2.0 • NIST BIOS compliant • IR Camera (support Windows Hello) • Easy removable SSD • Stealth mode • Kensington lock • Night vision mode • Optional fingerprint scanner • Optional smart card reader[1] • Optional smart card reader with LF/HF-RFID (NFC)[1] • Optional LF/HF-RFID (NFC) reader[1] • Optional UHF-RFID (NFC) reader[1]
I/O INTERFACES	• 2.5Gbps Ethernet (RJ45) x 1 • Thunderbolt 4 (type C) x 2 • USB 3.2 Gen2 (type A) x 1 • Audio in/out (combo jack) x 1 • microSD card (microSDXC) x 1 • Docking connector (20-pin Pogo) x 1 • Dual SIM (Nano SIM & eSIM) • DC-In jack x 1 • Optional USB 3.2 Gen1 (type C) x 1[2] • Optional 2nd USB 3.2 Gen1 (type A) x 1[2] • Optional serial port (RS232/RS422/RS485: D-sub,9-pin) x 1[2] • Optional 1D/2D barcode reader x 1[2] • Optional 10/100/1000 Ethernet (RJ45) x 1[2] • Optional smart card reader x 1[1] • Optional RF antenna pass-through for GPS, WWAN, and WLAN
EXPANSION SLOT	• Optional magnetic stripe reader[2] • Optional smart card reader[1] • Optional smart card reader with LF/HF-RFID (NFC)[1] • Optional LF/HF-RFID (NFC)[1] • Optional UHF-RFID (NFC)[1] • Optional NVIDIA® RTX 2000 Ada[1,4] • Optional NVIDIA® RTX A500[1,4]
POWER	AC adapter: 100-240V, 50Hz-60Hz, 90W Main battery: Li-Ion, 7.6V, 4000mAh, 10 hours[3] • Optional hi-cap battery: Li-Ion, 7.6V, 8000mAh, 20 hours[3]
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	• 302 mm (L) x 210.9 mm (W) x 23.5 mm (H)[5] • 1.45 kg[5]
WARRANTY	3-year limited warranty standard

1. Mutually exclusive options.
2. Mutually exclusive options.
3. Tested using the MobileMark 30 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
4. For optimal graphics performance, CPU needs to be paired with Intel® Core™ Ultra 7 356H or 366H, an upgrade of the system memory to 32GB or higher and the SSD capacity to 512GB or higher is recommended.
5. Weight and dimensions vary with options.

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Contact NTI Today to Learn More about our Rugged Solutions

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