DURABOOK

DURABOOK · LAPTOP

Durabook Z14I-HG Laptop

Industries: Military · Industry · Public Safety

Operating system and security Windows 11 Pro 64-bit, Intel vPro™ Technology, Secured-Core PC, TPM 2.0, smart card reader, Kensington lock



IP66
IP RATING

810H
MIL-STD

1200 nits
BRIGHTNESS

4.9 kg (varies by configuration and optional accessories)
WEIGHT

CORE SPECIFICATIONS

Display size	14.0 inch
Resolution	FHD (1920 x 1080)
IP rating	IP66
MIL-STD	MIL-STD-810H, MIL-STD-461G
Brightness	1200 nits
Processor	Intel® Core™ Ultra 7 165U (12 MB cache, up to 4.9 GHz, 12 cores, 14 threads, with Intel® AI Boost NPU) or Intel® Core™ Ultra 7 155U (12 MB cache, up to 4.8 GHz, 12 cores, 14 threads, with Intel® AI Boost NPU); graphics: Intel® Graphics and NVIDIA® RTX 3500 Ada with 12 GB GDDR6, optional NVIDIA® RTX 5000 Ada with 16 GB GDDR6
Memory and storage	Memory 32 GB up to 64 GB DDR5 (5600 MHz, 2 slots) · storage 512 GB NVMe PCIe SSD (optional 1 TB/2 TB, optional OPAL 2.0 SSD, optional second NVMe SSD, optional third SATA SSD)
Battery	Lithium-ion, 10.8 V, 6900 mAh, removable (quick-release); optional second battery (lithium-ion, 10.8 V, 4700 mAh) in the media bay; runtime not stated
Weight	4.9 kg (varies by configuration and optional accessories)
Operating temperature	-29 °C to 63 °C (storage: -51 °C to 71 °C)
Interfaces	2× Thunderbolt 4 (Type-C) · 1× USB 3.2 Gen 2 (Type-A) · 1× USB 3.2 Gen 1 (Type-A) · 1× USB 2.0 (Type-A) · 5× HDMI 2.1 (Type-A) · 1× VGA (D-sub, 15-pin) · 2× RJ45 (10/100/1000 Ethernet) · 2× serial port (RS232/RS422/RS485, D-sub, 9-pin) · 1× audio combo jack · 1× microSD (microSDXC) · Dual SIM (Nano SIM and eSIM) · 1× smart card reader · 1× ExpressCard 54 · 1× DC-in
Configurable	Yes, interactive configurator on the product page (9 groups)

Source for display size through interfaces (eleven core rows): Durabook Z14I-HG manufacturer datasheet (Durabook, March 2026, English). Source for "Configurable": configurator on the product page , based on the same manufacturer datasheet. According to the manufacturer datasheet, weight varies with configuration and optional accessories; it does not state a battery runtime.

INTERFACES

- 2× Thunderbolt 4 (Type-C)
- 1× USB 3.2 Gen 1 (Type-A)
- 5× HDMI 2.1 (Type-A)
- 2× RJ45 (10/100/1000 Ethernet)
- 1× audio combo jack
- Dual SIM (Nano SIM and eSIM)
- 1× ExpressCard 54
- 1× USB 3.2 Gen 2 (Type-A)
- 1× USB 2.0 (Type-A)
- 1× VGA (D-sub, 15-pin)
- 2× serial port (RS232/RS422/RS485, D-sub, 9-pin)
- 1× microSD (microSDXC)
- 1× smart card reader
- 1× DC-in

CERTIFICATIONS AND RUGGEDNESS

MIL-STD-810H
Shock, vibration, temperature, altitude

MIL-STD-461G
Electromagnetic compatibility

IP66
Completely dustproof, jet water resistant

FEATURES AND OPTIONS

Operating system and security	Windows 11 Pro 64-bit, Intel vPro™ Technology, Secured-Core PC, TPM 2.0, smart card reader, Kensington lock
Graphics	Intel® Graphics, NVIDIA® RTX 3500 Ada with 12 GB GDDR6; optional NVIDIA® RTX 5000 Ada with 16 GB GDDR6
Wireless	Intel® Wi-Fi 7 BE200 (802.11be), Bluetooth® 5.4; optional GPS module (UBLOX-NEO-M9N), 4G LTE, 5G
Media bay (one option only)	DVD Super Multi, second battery or SATA SSD
Claim in the header of the datasheet	"Edge AI Acceleration with 682 TOPS" (according to the manufacturer)
Warranty	3-year limited manufacturer warranty

CONFIGURATION OPTIONS

> This model's configurator covers multiple variants. The group heading indicates which variant each option applies to.

PROCESSOR

Intel® Core™ Ultra 7 165U (12MB cache, up to 4.9 GHz, 12 cores, 14 threads with Intel® AI Boost NPU) [DB]

Intel® Core™ Ultra 7 155U (12MB cache, up to 4.8 GHz, 12 cores, 14 threads with Intel® AI Boost NPU) [DB]

MEMORY

32GB DDR5 (5600MHz), 2 slots [DB]

up to 64GB DDR5 (5600MHz), 2 slots [DB]

GRAPHICS

Standard: Intel® Graphics and NVIDIA® RTX 3500 Ada with 12GB GDDR6 memory [DB]

NVIDIA® RTX 5000 Ada with 16GB GDDR6 memory [DB]

STORAGE

Standard: 512GB NVME PCIE SSD [DB]

1TB PCIE SSD [DB]

2TB PCIE SSD [DB]

STORAGE OPTIONS

OPAL 2.0 SSD [DB]

2nd storage: NVME PCIE SSD [DB]

MEDIA BAY (ONE OPTION ONLY)

No media bay option [DB]

DVD Super Multi [DB]

2nd battery (Li-Ion 10.8V, 4700mAh) [DB]

3rd storage: SATA SSD (contact your sales representative for availability) [DB]

CAMERA

Standard: Integrated 2.0 MP web-cam with shutter [DB]

5.0 MP IR camera for Windows Hello (contact your sales representative for availability) [DB]

WIRELESS AND POSITIONING

Dedicated GPS module (UBLOX-NEO-M9N) [DB]

4G LTE multi-carrier mobile broadband [DB]

5G [DB]

SECURITY

Windows Hello (contact your sales representative for availability) [DB]

Fingerprint scanner [DB]

LF/HF-RFID (NFC) reader (contact your sales representative for availability) [DB]

db Durabook Z14I-HG manufacturer datasheet (Mobile Workstation), PDF dated March 2026 (footer "Mar. 2026_V1", file name 06 March 2026), /datasheets/EN/DURABOOK_DM_Z14I-HG_EN_20260306.pdf — Source is in English; no German version is available.

MANUFACTURER DATASHEET
Durabook, March 2026, 06 March 2026 per file name · binding source

DURABOOK_DM_Z14I-HG_EN_20260306.pdf

This overview was compiled from the documented information and is not a manufacturer datasheet. The manufacturer's specifications are binding. Subject to change, errors reserved, technical developments subject to change. As at: 20 October 2026.