

DURABOOK

DURABOOK · TABLET

Durabook R8 Tablet

Industries: Industry · Logistics · Public Safety

Display 8.0" HD sunlight-readable touchscreen with 800 nits



IP66

IP RATING

810H

MIL-STD

800 nits

BRIGHTNESS

0.86 kg

WEIGHT

CORE SPECIFICATIONS

Display size	8.0 inch
Resolution	HD (1280 x 800)
IP rating	IP66
MIL-STD	MIL-STD-810H, MIL-STD-461G
Brightness	800 nits
Processor	Intel® Core™ i5-1230U with vPro™ (12th generation, 12 MB cache, up to 4.4 GHz) or Intel® Pentium® Gold 8500 (8 MB cache, up to 4.4 GHz)(standard); optional Intel® Core™ i7-1250U with vPro™ (12 MB cache, up to 4.7 GHz)
Memory and storage	8 GB RAM (LPDDR4x, onboard, up to 16 GB) · 128 GB PCIe NVMe SSD (standard), optional 256 GB/512 GB/1 TB
Battery	Li-Ion, 7.6 V, 3600 mAh, 8.5 hrs. runtime; optional long-life battery (7200 mAh, 17 hrs.); swappable battery technology (5 min. swap time)
Weight	0.86 kg
Operating temperature	-20 °C to 60 °C
Interfaces	Thunderbolt 4 × 1 · USB 3.2 Gen 2 (Type-C, DP-capable) × 1 · audio combo jack × 1 · microSD × 1 · docking connector (20-pin Pogo) × 1 · Nano SIM × 1 Optional: USB 3.2 Gen 1 (Type-A), RJ45 Ethernet (1x or 2x), RS232 (1x or 2x), barcode scanner, magnetic stripe reader, RF antenna pass-through
Configurable	Yes, interactive configurator on the product page (30 groups)

Resolution/processor/memory/battery/weight/interfaces come from the manufacturer datasheet DURABOOK_R8-DM_20260210.pdf . Display size/IP rating/MIL-STD/brightness/operating temperature/configurability unchanged from comparison table: tablets (German) resp. product page (checked against the manufacturer datasheet, no deviation).

INTERFACES



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- Thunderbolt 4 × 1
- audio combo jack × 1
- docking connector (20-pin Pogo) × 1
- USB 3.2 Gen 2 (Type-C, DP-capable) × 1
- microSD × 1
- Nano SIM × 1

Optional: USB 3.2 Gen 1 (Type-A), RJ45 Ethernet (1x or 2x), RS232 (1x or 2x), barcode scanner, magnetic stripe reader, RF antenna pass-through

CERTIFICATIONS AND RUGGEDNESS

MIL-STD-810H

Shock, vibration, temperature, altitude

MIL-STD-461G

Electromagnetic compatibility

IP66

Completely dustproof, jet water resistant

FEATURES AND OPTIONS

Display	8.0" HD sunlight-readable touchscreen with 800 nits
Camera	2 MP front camera; Core i5 model additionally with 11 MP rear camera
Connectivity	Intel® Wi-Fi 6E, Bluetooth® v5.3; optional GPS, 4G LTE broadband
Security	swappable battery technology for uninterrupted operation
Ruggedness	fully protected to IP66
Expansion module optional	smart card reader with RS-232/RJ-45 and USB 3.2
Accessories	vehicle adapter, charging stations, input pen, smart card/RFID options, folio cases

CONFIGURATION OPTIONS

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

RAM / STORAGE (R8 ONLY)

Base configuration	[GPO]
Upgrade to 256GB PCIe SSD	[GPO]
Upgrade to 512GB PCIe SSD	[GPO]
Upgrade to 1TB PCIe SSD	[GPO]

PERFORMANCE (R8 ONLY)

Base configuration	[GPO]
Intel® Core™ i7-1250U processor with vPro™ up to 4.7 GHz (upgrade from i5-1230U)	[GPO]
Intel® Core™ i7-1250U processor with vPro™ up to 4.7 GHz (upgrade from i5-1230U) + 16GB	[GPO]

WINDOWS OPERATING SYSTEM DOWNGRADE (R8 ONLY)

Base configuration	[GPO]
Windows 10 LTSC Enterprise (for i5)	[GPO]
Windows 10 LTSC Enterprise (for Pentium)	[GPO]
Windows 11 LTSC Enterprise (for i5)	[GPO]
Windows 11 LTSC Enterprise (for Pentium)	[GPO]

DISPLAY SELECTION (R8 ONLY)

Base configuration	[GPO]
Digitizer	[GPO]

COMMUNICATION (R8 ONLY)

Base configuration	[GPO]
Multi-carrier 4G LTE mobile broadband + GPS combo	[GPO]
Dedicated GPS (not combinable with 4G LTE + GPS combo)	[GPO]
Multi-carrier 4G LTE mobile broadband + GPS combo + RF pass-through antenna	[GPO]



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INTEGRATED OPTIONS (R8 ONLY)

Base configuration [GPO]

RF pass-through connector [GPO]

ANSI/ISA 12.12.01 (C1D2) [GPO]

Extended high-capacity battery (upgrade from standard battery) [GPO]

11MP rear camera [GPO]

Swappable battery technology [GPO]

INTEGRATED OPTIONS (MUTUALLY EXCLUSIVE OPTIONS) (R8 ONLY)

Base configuration [GPO]

USB 3.2 Type A [GPO]

Barcode scanner [GPO]

LAN port (RJ45) [GPO]

INTEGRATED OPTIONS EXPANSION MODULE (MUTUALLY EXCLUSIVE OPTIONS) (R8 ONLY)

Base configuration [GPO]

Expansion module - smart card reader with LF/HF RFID (NFC) [GPO]

Expansion module - smart card reader [GPO]

Expansion module - smart card reader with UHF RFID (NFC) [GPO]

Expansion module - smart card reader with RS-232/RJ-45 and USB 3.2 [GPO]

INTEGRATED OPTIONS EXPANSION MODULE 2 (R8 ONLY)

Base configuration [GPO]

Expansion module - magnetic stripe reader (not combinable with USB 3.2 Type A) [GPO]

EXTENDED WARRANTY (R8 ONLY)

Base configuration [GPO]

Extended warranty - years 1 to 4 (including 1 year extended warranty) [GPO]

Extended warranty - years 1 to 5 (including 2 years extended warranty) [GPO]

ACCIDENTAL DAMAGE (R8 ONLY)

Base configuration [GPO]

Accidental damage - years 1 to 3 [GPO]

Accidental damage - years 1 to 4 (including 1 year extended warranty) [GPO]

Accidental damage - years 1 to 5 (including 2 years extended warranty) [GPO]

EXTENDED BATTERY WARRANTY (R8 ONLY)

Base configuration [GPO]

Extended battery warranty - 2 years coverage (standard main battery only) [GPO]

Extended battery warranty - 3 years coverage (standard main battery only) [GPO]

Extended battery warranty - 4 years coverage (standard main battery only) [GPO]

Extended battery warranty - 5 years coverage (standard main battery only) [GPO]

Extended battery warranty - 2 years coverage (high-capacity main battery) [GPO]

Extended battery warranty - 3 years coverage (high-capacity main battery) [GPO]

Extended battery warranty - 4 years coverage (high-capacity main battery) [GPO]

Extended battery warranty - 5 years coverage (high-capacity main battery) [GPO]

EXTENDED WARRANTY - OTHER (R8 ONLY)

Base configuration [GPO]

Extended warranty Durabook Office Dock - 2 years coverage [GPO]

Extended warranty Durabook Office Dock - 3 years coverage [GPO]

POWER SUPPLY AND CHARGING (R8 ONLY)

Replacement standard battery [GPO]

Replacement extended high-capacity battery [GPO]



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Vehicle adapter (DURABOOK 11-32V DC 90W) [GPO]

Replacement 65W power adapter with power cord [GPO]

Replacement 90W USB Type-C power adapter with power cord [GPO]

Battery charger - 2 bays [GPO]

Battery charger - 8 bays [GPO]

DOCKING AND STATIONS (R8 ONLY)

Office Dock with power adapter [GPO]

Durabook USB 3.0 docking station [GPO]

Durabook USB-C docking station [GPO]

R8 Vehicle Dock without Tri-RF pass-through [GPO]

R8 Vehicle Dock with Tri-RF pass-through [GPO]

R8 mount (passive) [GPO]

CARRYING AND PROTECTION (R8 ONLY)

T-stand [GPO]

R8 X strap [GPO]

Rotating hand strap with stand [GPO]

Shoulder strap (4-point) [GPO]

Shoulder strap (2-point) [GPO]

Hand strap [GPO]

R8 screen protector [GPO]

PEN AND KEYBOARD (R8 ONLY)

Replacement digitizer pen [GPO]

Replacement stylus and tether for capacitive touch [GPO]

Pen holder [GPO]

RAM / STORAGE (R8-EX ONLY)

Base configuration [GPO]

Upgrade to 256GB PCIe SSD [GPO]

Upgrade to 512GB PCIe SSD [GPO]

Upgrade to 1TB PCIe SSD [GPO]

PERFORMANCE (R8-EX ONLY)

Base configuration [GPO]

Intel® Core™ i7-1250U processor with vPro™ up to 4.7 GHz (upgrade from i5-1230U) [GPO]

Intel® Core™ i7-1250U processor with vPro™ up to 4.7 GHz (upgrade from i5-1230U) + 16GB [GPO]

WINDOWS OPERATING SYSTEM DOWNGRADE (R8-EX ONLY)

Base configuration [GPO]

Windows 10 LTSC Enterprise (for i5) [GPO]

Windows 10 LTSC Enterprise (for Pentium) [GPO]

Windows 11 LTSC Enterprise (for i5) [GPO]

Windows 11 LTSC Enterprise (for Pentium) [GPO]

DISPLAY SELECTION (R8-EX ONLY)

Base configuration [GPO]

Digitizer [GPO]

COMMUNICATION (R8-EX ONLY)

Base configuration [GPO]

Multi-carrier 4G LTE mobile broadband + GPS combo [GPO]

Dedicated GPS (not combinable with 4G LTE + GPS combo), RF pass-through connector not available [GPO]

Multi-carrier 4G LTE mobile broadband + GPS combo + RF pass-through antenna [GPO]



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INTEGRATED OPTIONS (R8-EX ONLY)

Base configuration [GPO]

RF pass-through connector [GPO]

Extended high-capacity battery (upgrade from standard battery) [GPO]

Swappable battery technology [GPO]

INTEGRATED OPTIONS (MUTUALLY EXCLUSIVE OPTIONS) (R8-EX ONLY)

Base configuration [GPO]

USB 3.2 Type A [GPO]

Barcode scanner [GPO]

EXTENDED WARRANTY (R8-EX ONLY)

Base configuration [GPO]

Extended warranty – years 1 to 4 (including 1 year extended warranty) [GPO]

Extended warranty – years 1 to 5 (including 2 years extended warranty) [GPO]

ACCIDENTAL DAMAGE (R8-EX ONLY)

Base configuration [GPO]

Accidental damage – years 1 to 3 [GPO]

Accidental damage – years 1 to 4 (including 1 year extended warranty) [GPO]

Accidental damage – years 1 to 5 (including 2 years extended warranty) [GPO]

EXTENDED BATTERY WARRANTY (R8-EX ONLY)

Base configuration [GPO]

Extended battery warranty – 2 years coverage (standard main battery only) [GPO]

Extended battery warranty – 3 years coverage (standard main battery only) [GPO]

Extended battery warranty – 4 years coverage (standard main battery only) [GPO]

Extended battery warranty – 5 years coverage (standard main battery only) [GPO]

Extended battery warranty – 2 years coverage (high-capacity main battery) [GPO]

Extended battery warranty – 3 years coverage (high-capacity main battery) [GPO]

Extended battery warranty – 4 years coverage (high-capacity main battery) [GPO]

Extended battery warranty – 5 years coverage (high-capacity main battery) [GPO]

POWER SUPPLY AND CHARGING (R8-EX ONLY)

Replacement standard battery [GPO]

Replacement extended high-capacity battery [GPO]

Replacement 65W power adapter with power cord [GPO]

Replacement 90W USB Type-C power adapter [GPO]

Battery charger – 2 bays [GPO]

Battery charger – 8 bays [GPO]

PROTECTION AND CARRYING (R8-EX ONLY)

R8-EX ATEX protective case [GPO]

R8-EX ATEX screen protector [GPO]

Shoulder strap (2-point) [GPO]

Shoulder strap (4-point) [GPO]

Hand strap [GPO]

T-stand [GPO]

PEN AND INPUT (R8-EX ONLY)

Replacement digitizer pen [GPO]

Replacement stylus and tether for capacitive touch [GPO]

Pen holder [GPO]

gpo Manufacturer information Durabook, as at 07.08.2026



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MANUFACTURER DATASHEET

Durabook, dated 10 February 2026 · binding source

[DURABOOK_R8-DM_20260210.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: 8 August 2026.

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