DURABOOK

Prepared for the Unexpected



Introducing the DURABOOK Rugged Product Lineup

FOR THE MOST EXTREME AND HAZARDOUS ENVIRONMENTS.

Some environments require rugged products that can literally take a beating. When you need mobile computing solutions they can depend on in extreme environments, rugged is a must. Getting durability, performance and reliability in any environment and any condition is crucial. Built to meet the heightened needs of industry clients, DURABOOK's unmatched rugged product lineup has everything you need.

RUGGED FOR THE REAL WORLD.



DURABOOK INNOVATION. RUGGED DOMINATION.

MIL-STD 810H

Certified by independent third-parties for MIL-STD-810H and IP ratings, as well as ANSI/UL 121201 and MIL-STD-461G/461F



Leading rugged design to increase productivity and efficiency for any conditions.

6 ft drop

Survived drop tests up to 6 feet (182 cm), rigorous vibration and impact protection tests.

Ex ATEX

Certified intrinsically safe for the use in hazardous environments and explosive atmospheres.

COOLFINITY™

The only rugged device manufacturer offering both full-featured, high-performance laptops and tablets with fanless thermal solution.

Experience peak performance in extreme temperatures, whether in freezing cold up to -29°C (-20 °F) or extreme hot temperatures of 63°C (145°F).

DynaVue

DynaVue® technology improves display clarity and 23% wider viewing angle, while the screen is designed and built at industrial class for outdoor weather and light conditions.

12 $3s^2$
Mg
Magnesium
24.305

Designed from the ground up with high-performance materials for full protection.

DURABOOK PRODUCT LINEUP - QUICK REFERENCE GUIDE

GENERAL SPECS



Z14I-DX3 Triple-Screen Workstation



Z14I-HG Workstation



Z14I Laptop

Operating System	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Processor	Intel® Core™ Ultra 5/7	Intel® Core™ Ultra 5/7	Intel® Core™ Ultra 5/7
Graphics	Intel® Graphics / Optional NVIDIA® RTX A500 Optional NVIDIA® RTX 5000/RTX 3500 Ada	Intel® Graphics / NVIDIA® RTX 3500 Ada Optional NVIDIA® RTX 5000 Ada	Intel® Graphics Optional NVIDIA® RTX A500[13,17]
Memory	16-64 GB (5600MHz DDR5)	32-64 GB (5600MHz DDR5)	16-64 GB (5600MHz DDR5)
Storage	256 GB NVME PCIE SSD Opt. OPAL 2.0 SSD • Optional 2nd/3rd SSD	512 GB NVME PCIE SSD Opt. OPAL 2.0 SSD • Optional 2nd/3rd SSD	256 GB NVME PCIE SSD Opt. OPAL 2.0 SSD • Optional 2nd/3rd SSD
Display	3 x 14.0" FHD (1920 x 1080) With 1200 nits DynaVue® Technology	14.0" FHD (1920 x 1080) With 1200 nits DynaVue® Technology	14.0" FHD (1920 x 1080) With 1200 nits DynaVue® Technology
Touchscreen	Multi-Touch	Multi-Touch	Multi-Touch
Camera	2.0 MP with shutter design Optional IR camera for Windows Hello	2.0 MP with shutter design Optional IR camera for Windows Hello	2.0 MP with shutter design Optional IR camera for Windows Hello
Additonal Key Buttons	2 (user-definable)	2 (user-definable)	2 (user-definable)
Security	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode • Easy removable SSD Smart card reader default Night vision mode Optional Windows Hello Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode • Easy removable SSD Smart card reader default Night vision mode Optional Windows Hello Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode • Easy removable SSD Smart card reader default Night vision mode Optional Windows Hello Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader
I/O Interfaces	Thunderbolt 4 (type C) x 1 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 × 1 • RJ45 × 2 • Serial port × 2 HDMI 2.1 port × 1 • VGA port × 1 Docking connector × 1 • DC-In × 1 Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) × 1 Smart card reader × 1 ExpressCard 54 x 1	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 × 1 • RJ45 × 2 • Serial port × 2 HDMI 2.1 port × 5 VGA port × 1 • DC-In × 1 Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) × 1 Smart card reader × 1 ExpressCard 54 x 1	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 × 1 • RJ45 × 2 • Serial port × 2 HDMI 2.1 port × 1 • VGA port × 1 Docking connector × 1 • DC-In × 1 Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) × 1 Smart card reader × 1 ExpressCard 54 x 1
Wireless Connectivity	Wi-Fi 7 BE200 (802.11 be) / Optional 5G Bluetooth® V5.4 Optional dedicated GPS & 4G LTE	Wi-Fi 7 BE200 (802.11 be) / Optional 5G Bluetooth® V5.4 Optional dedicated GPS & 4G LTE	Wi-Fi 7 BE200 (802.11 be) / Optional 5G Bluetooth® V5.4 Optional dedicated GPS & 4G LTE
Media Bay / Expansion Slot	Optional DVD super multi Optional 2nd battery • Optional SATA SSD Optional PCI-Express 3.0 (2 slots)[13] Optional discrete VGA[13] Optional storage extension[13]	Optional DVD super multi Optional 2nd battery Optional SATA SSD	Optional DVD super multi Optional 2nd battery • Optional SATA SSD Optional PCI-Express 3.0 (2 slots)[13] Optional discrete VGA[13] Optional storage extension[13] Optional military-grade connectors
Power Adapter	AC adapter : 100-240V, 50Hz-60Hz, 210W	AC adapter : 100-240V, 50Hz-60Hz, 240W	AC adapter : 100-240V, 50Hz-60Hz, 90W Optional AC adapter (100-240V, 50Hz-60Hz, 120W), with NVIDIA® VGA
Battery Life[1]			12.5 (up to 21.5 hours with optional 2nd battery)
Swappable Battery			Optional
Operating Temperature	-29°C ~ 63°C / - 20°F ~ 145°F	-29°C ~ 63°C / - 20°F ~ 145°F	-29°C ~ 63°C / - 20°F ~ 145°F
Storage Temperature	-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F
Dimension	391 mm (L) × 298 mm (W) × 137.5 mm (H)[4] 15.39" (W) × 11.73" (D) × 5.41" (H)[4]	356 mm (L) × 280 mm (W) × 77 mm (H)[4] 14.02" (W) × 11.02" (D) × 13.02" (H)[4]	356 mm (L) × 280 mm (W) × 50 mm (H)[4] 14.02" (W) × 11.02" (D) × 1.97" (H)[4]
Weight[5]	9.8 kg / 21.61 lb	4.9 kg / 10.72 lb	3.6 kg / 7.93 lb

RUGGED FEATURES

MIL-STD-810H Certified[2]	810H	810H	810H
MIL-STD-461G/F Certified[2]	461G	461G	461G
Drop Rating/IP Certified[2]		6 ft / IP 66	6 ft / IP 66
ATEX Zone 2/22 Certified			
ANSI/UL 121201(C1D2)		●	●
Quick-Release Storage	●	●	●
Mg Alloy Chassis	●	●	●
Coolfinity™ Fanless Design	●	●	●
3-Year Warranty	●	●	●

1. Tested using the MobileMark 2014 battery life benchmark and using no cellular mobile broadband. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
2. Tested by a national, independent third-party lab following MIL-STD-810H, MIL-STD-461G, MIL-STD-461F and IEC 60529 standards.
3. Smart card reader, ExpressCard 54 and 2nd serial port (RS232) + 2nd USB 3.2 Gen 1 are mutually exclusive options.
4. Actual height may vary with optional discrete VGA. Height is without the bumper stands of the expansion chassis.
5. Actual weight may vary with different configurations.



S14I Laptop



S15 Laptop



U11I Tablet



R12 Tablet

S14I Laptop	S15 Laptop	U11I Tablet	R12 Tablet
Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Intel® Core™ Ultra 5/7	Intel® Core™ i5-1235U (i7 optional)	Intel® Core™ i5-1230U (i7 optional)	Intel® Core™ Ultra 5/7
Intel® Graphics Optional NVIDIA® RTX A500[17]	Intel® Iris® Xe/UHD Graphics[15] Optional NVIDIA® RTX A500[17]	Intel® Iris® Xe Graphics	Intel® Graphics Optional NVIDIA® RTX 2000 Ada[17]
16-64 GB (5600MHz DDR5)	8-64 GB (4800MHz DDR5)	Onboard 8GB - 32GB (LPDDR4X)	16-64GB (LPDDR5x-8533)
256 GB NVME PCIE SSD Opt. OPAL 2.0 SSD • Optional 2nd SSD	256 GB NVME PCIE SSD Optional 2nd/3rd SSD	256 GB NVME PCIE SSD Optional OPAL 2.0 SSD	256GB NVMe PCIe SSD Optional OPAL 2.0 SSD
14.0" FHD (1920 x 1080) Optional with 1200 nits DynaVue® Technology	15.6" FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	11.6" FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	12.2" WUXGA LCD (1920 x 1200) With 1200 nits DynaVue® Technology
Optional Multi-Touch		Multi-Touch optional with digtizer	Multi-touch; optional digitizer.
2.0 MP with shutter design Optional IR camera for Windows Hello	2.0 MP Optional IR camera for Windows Hello	Front : 2.0 MP Optional IR camera for Windows Hello Rear : optional 11 MP with flash	Front : 5.0 MP IR camera for Windows Hello and shutter Rear: Optional 13 MP camera with flash and shutter
2 (user-definable)	2 (user-definable)	5 (2 user-definable)	7 (4 user-definable)
Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode • Easy removable SSD Optional Windows Hello Optional smart card reader[3] Optional night vision mode[10] Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode Optional smart card reader Optional night vision mode[10] Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader Optional Windows Hello	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Easy removable SSD • Stealth mode Optional smart card reader × 1 or × 2[9] Optional night vision mode[10] Optional fingerprint scanner Optional LF/HF-RFID (NFC) reader[9] Optional Windows Hello	Intel® vPro® Technology (depending on CPU configuration) Secured-core PC • TPM 2.0 Stealth mode • Night vision mode Optional fingerprint scanner Optional smart card reader[13] Optional smart card reader with LF/HF-RFID (NFC)[13] Optional LF/HF-RFID (NFC) reader[13] Optional UHF-RFID (NFC) reader[13]
Thunderbolt 4 (type C) x 2 USB 3.2 Gen2 (type A) x 1 USB 3.2 Gen1 (type A) x 1 or 2[3] Audio in/out × 1 • RJ45 × 2 HDMI 2.1 port × 1 • Serial port x 1 or 2[3] Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) × 1 Optional smart card reader × 1[3] Optional ExpressCard 54 x 1[3] Optional docking connector × 1 • DC-In × 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type A) x 2 USB 3.2 Gen2 (type C) x 1 RJ45 x 1 • VGA x 1 • HDMI x 1 Serial port x 1 • DC-In × 1 Audio in/out × 1 microSD card (microSDXC) × 1 Nano SIM card × 1 Optional docking connector × 1 Optional smart card reader × 1	Thunderbolt 4 x 1 USB 3.2 Gen1 (type A) × 1 or 2[8] Optional USB 3.2 Gen2 (type C) × 1[8] Optional USB 2.0 (type A) × 1[8] Audio in/out × 1 microSD card (microSDHC, microSDXC) × 1 RJ45 × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1 Optional smart card reader × 1 or 2[9]	2.5Gbps Ethernet (RJ45) x 1 Thunderbolt 4 (type C) x 2 USB 3.2 Gen2 (type A) x 1 • Audio in/out x 1 microSD card (microSDXC) x 1 Docking connector x 1 Dual SIM (Nano SIM & eSIM) • DC-In x 1 Optional USB 3.2 Gen1 (type C) x 1[18] Optional 2nd USB 3.2 Gen1 (type A) x 1[18] Optional RS232 x 1[18] • Optional RJ-45 x 1[18] Optional 1D/2D barcode reader x 1[18] Optional smart card reader x 1[13]
Wi-Fi 7 BE200 (802.11 be) / Optional 5G Bluetooth® V5.4 Optional dedicated GPS & 4G LTE	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional GPS & 4G LTE Optional 5G	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS[14] Optional 4G LTE[14] / Optional 5G[14]	Wi-Fi 7 BE211 / Bluetooth® V6.0 Optional dedicated GPS Optional 4G LTE[20] / Optional 5G[20]
Optional smart card reader[3] Optional barcode reader[3] Optional ExpressCard 54[3] Optional 2nd serial port(RS232) & USB 3.2 Gen 1 (type A) [3] Optional discrete VGA	Optional DVD super multi Optional 3rd SSD Optional ExpressCard 54[13] Optional discrete VGA Optional 2nd RJ45 and 2nd RS232[13]	Optional serial port (RS232/422/485) or USB 3.2 (type C) or USB 2.0 or 2nd USB 3.2 Gen1 (type A) or 1D/2D barcode reader[8] Optional ExpressCard 54 or LF/HF-RFID (NFC) or 2nd smart card reader[9]	Optional magnetic stripe reader[18] Optional smart card reader or smart card reader with LF/HF-RFID (NFC) or LF/HF-RFID (NFC) or UHF-RFID (NFC)[13] Optional NVIDIA® RTX 2000 Ada[13]
AC adapter : 100-240V, 50Hz-60Hz, 90W Optional AC adapter (100-240V, 50Hz-60Hz, 120W), with NVIDIA® VGA	AC adapter : 100-240V, 50Hz-60Hz, 90W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter: 100-240V, 50Hz-60Hz, 90W
16 (up to 32 hours with optional 2nd battery)	12	10 (up to 20 hours with optional hi-cap battery)	10 (optional hi-cap battery 20 hours)
Optional	Optional	Optional	Optional
-29°C ~ 63°C / - 20°F ~ 145°F	-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F	-29°C ~ 63°C / -20°F ~ 145°F
-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F
350 mm (L) × 282 mm (W) × 38 mm (H)[4] 13.78" (W) × 11.1" (D) × 1.5" (H)[4]	375 mm (L) × 273 mm (W) × 29.5 mm (H)[4] 14.76" (W) × 10.75" (D) × 1.16" (H)[4]	317mm (L) × 215mm (W) × 24 mm (H) 12.48" (W) × 8.46" (D) × 0.94" (H)	302 mm (L) x 210.9 mm (W) x 23.5 mm (H)[4] 11.89" (W) x 8.3" (D) x 0.925" (H)[4]
2.37 kg / 5.23lb	2.6 kg / 5.73 lb	1.39 kg / 2.99 lb	1.45 kg / 3.19 lbs

810H	810H	810H	810H
		461G	461G
4 ft / IP 53	4 ft / IP 53	6 ft / IP 66	6 ft / IP 66
		●	●
●		●	●
●	●	●	●
		●	
●	●	●	●

6. GPS/WWAN and dedicated GPS are mutually exclusive options. **7.** RJ45, smart card readers and RFID are mutually exclusive options.
8. 2nd USB 3.2 type A port, RS232 or 1D/2D barcode reader are mutually exclusive options. USB 2.0 or USB 3.2 type C are project-based features.
9. ExpressCard, RFID and 2nd smart card reader are mutually exclusive options. **10.** Night vision mode is available only for sunlight readable display.
11. Factory option only. Support RAID 0 and RAID 1. **12.** RFID and smart card reader are mutually exclusive.
13. Mutual exclusive options. **14.** Dedicated GPS with 4G LTE and 5G are mutually exclusive options.
15. Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.

 R11 Tablet	 R11L Tablet	 R10 Tablet	 R8 Tablet
Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Intel® Core™ i5-1235U (i7 optional)	Intel® Pentium® Gold 8505	Intel® Core™ Ultra 5/7	Intel® Core™ i5-1230U (i7 optional) Intel® Pentium® Gold 8500
Intel® UHD Graphics	Intel® UHD Graphics	Intel® Arc™ 140V GPU (for Ultra 7) Intel® Arc™ 130V GPU (for Ultra 5)	Intel® UHD Graphics
8-32 GB (4800MHz DDR5)	8 GB (4800MHz DDR5)	16GB - 32GB on Package (LPDDR5X)	Onboard 8GB - 16GB (LPDDR4X)
256 GB NVME PCIE SSD	128 GB NVME PCIE SSD	256GB NVME PCIE SSD Optional OPAL 2.0 SSD	128 GB NVME PCIE SSD
11.6" FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	11.6" FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	10.1" TFT LCD WUXGA (1920 x 1200) With1000 nits DynaVue® Technology	8.0" LCD (1280 × 800) With 800 nits DynaVue® Technology
Multi-Touch	Multi-Touch	Multi-Touch optional with digtizer	Multi-Touch optional with digtizer
Front : 2.0 MP Rear : optional 11 MP with flash	Front : 2.0 MP Rear : optional 11 MP with flash	Front : 5.0 MP IR camera for Windows Hello and shutter Rear : 11 MP with flash and shutter	Front : 2.0 MP Rear : optional 11 MP with flash
6 (2 user-definable)	6 (2 user-definable)	7 (4 user-definable)	3 (1 user-definable)
Intel® vPro™ Technology TPM 2.0 NIST BIOS compliant Stealth mode Kensington lock Optional night vision mode[10] Optional smart card reader[7] Optional LF/HF-RFID (NFC) reader[7]	TPM 2.0 NIST BIOS compliant Stealth mode Kensington lock Optional night vision mode[10] Optional smart card reader[7] Optional LF/HF-RFID (NFC) reader[7]	Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Night vision mode • Stealth mode Optional fingerprint scanner × 1[16] Optional smart card reader[12] Optional LF/HF-RFID (NFC) reader[12] Optional UHF-RFID (NFC) reader[12 16]	Intel® vPro™ Technology TPM 2.0 Stealth mode Night vision mode Optional smart card reader[19] Optional LF/HF-RFID (NFC) reader[19] Optional UHF-RFID (NFC) reader[19]
Thunderbolt 4 x 1 USB 3.2 Gen2 (type A) × 1 Micro HDMI x 1 Audio in/out × 1 microSD card (microSDXC) × 1 Docking connector × 1 Nano SIM card × 1 DC-In × 1 Optional RJ45 × 1[7] Optional smart card reader x 1[7] Optional 1D/2D barcode reader x 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type A) × 1 Micro HDMI x 1 Audio in/out × 1 microSD card (microSDXC) × 1 Docking connector × 1 Nano SIM card × 1 DC-In × 1 Optional RJ45 × 1[7] Optional smart card reader x 1[7] Optional 1D/2D barcode reader x 1	Thunderbolt 4 x 1 • Audio in/out × 1 USB 3.2 Gen2 (type A) × 1 Optional USB 3.2 Gen1 (type C) × 1[13] Optional USB 3.2 Gen1 (type A) × 1[13] Dual SIM (Nano SIM & eSIM) microSD card (microSDXC) × 1 RJ45 × 1 • Docking connector × 1 • DC-In × 1 Optional 2nd RJ45 × 1[13] Optional RS232 × 1[13] Optional smart card reader × 1[12] Optional 1D/2D barcode reader x 1[13]	Thunderbolt 4 x 1 USB 3.2 Gen2 (type C) × 1 Optional USB 3.2 Gen1 (type A) x 1 or 2[18,19] Optional RJ45 x 1 or 2[18,19] Optional serial port x 1[19] Audio in/out × 1 microSD card (microSDXC) × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1
Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS[6] Optional GPS & 4G LTE (combo)[6]	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS[6] Optional GPS & 4G LTE (combo)[6]	Wi-Fi 7 BE201 / Bluetooth® V5.4 Optional dedicated GPS[14] Optional 4G LTE[14] / Optional 5G[14]	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS[6] Optional GPS & 4G LTE (combo)[6]
Optional RJ45 port or LF/HF-RFID (NFC) or smart card reader or MSR+smart card reader or RJ45/RS232/smart card reader[7]	Optional RJ45 port or LF/HF-RFID (NFC) or smart card reader or MSR+smart card reader or RJ45/RS232/smart card reader[7]	Optional magnetic stripe reader Optional smart card reader or smart card reader with LF/HF-RFID (NFC) or LF/HF-RFID (NFC) or UHF-RFID (NFC)[12]	Optional 1D/2D barcode reader[18] Optional magnetic stripe reader[18] Optional smart card/CAC reader with LF/HF-RFID (NFC) or UHF-RFID (NFC) or RS232/RJ45/USB 3.2 Gen1(type A)[19]
AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W
8.5 (optional hi-cap battery 15 hours)	8.5 (optional hi-cap battery 15 hours)	8.5 (optional hi-cap battery 17 hours)	8.5 (optional hi-cap battery 17 hours)
		Optional	Optional
-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F	-29°C ~ 63°C / - 20°F ~ 145°F	-20°C ~ 60°C / - 4°F ~ 140°F
-40°C ~ 71°C / -40°F ~ 160°F	-40°C ~ 71°C / -40°F ~ 160°F	-51°C ~ 71°C / -60°F ~ 160°F	-46°C ~ 71°C / -51°F ~ 160°F
299 mm (L) × 192 mm (W) × 20 mm (H) 11.73"(W) × 7.56" (D) × 0.78" (H)	299 mm (L) × 192 mm (W) × 20 mm (H) 11.73"(W) × 7.56" (D) × 0.78" (H)	265 mm (L) × 189.5 mm (W) × 21.2 mm (H) 10.43" (W) × 7.46" (D) × 0.83" (H)	227 mm (L) × 150 mm (W) × 20.5 mm (H) 8.94" (W) × 5.91" (D) × 0.81" (H)
1.2 kg / 2.65 lb	1.2 kg / 2.65 lb	1.2 kg / 2.65 lb	0.86 kg / 1.9 lb

810H	810H	810H	810H
461F	461F	461G	461G
4 ft / IP 66	4 ft / IP 66	6 ft / IP 66	6 ft / IP 66
●	●	●	●
●	●	●	●
			●
●	●	●	●

16. Fingerprint scanner and UHF-RFID (NFC) are mutually exclusive options.

17. For optimal graphics performance, an upgrade of the system memory to 32GB or higher and the SSD capacity to 512GB or higher is recommended.

18. MSR, barcode reader, top-mounted USB 3.2 Gen 1 (type A), and top-mounted RJ45 are mutually exclusive options.

19. Second USB 3.2 Gen 1 (type A) and second RJ45 ports are provided via an expansion module; this option is mutually exclusive with the smart card reader expansion modules.

20. 4G LTE and 5G are mutually exclusive options.

DURABOOK ATEX TABLET



U11-EX Tablet



R8-EX Tablet

Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Intel® Core™ i5-1230U (i7 optional)	Intel® Core™ i5-1230U (i7 optional) Intel® Pentium® Gold 8500
Intel® Iris® Xe Graphics	Intel® UHD Graphics
Onboard 8GB - 32GB (LPDDR4X)	Onboard 8GB - 16GB (LPDDR4X)
256 GB NVME PCIE SSD	128 GB NVME PCIE SSD
11.6" FHD (1920 x 1080) Optional with 1000 nits DynaVue® Technology	8.0" LCD (1280 × 800) With 800 nits DynaVue® Technology
Multi-Touch optional with digtizer	Multi-Touch optional with digtizer
Front : 2.0 MP Optional IR camera for Windows Hello Rear : optional 11 MP with flash	Front : 2.0 MP Rear : optional 11 MP with flash
5 (2 user-definable)	3 (1 user-definable)
Intel® vPro™ Technology Secured-Core PC • TPM 2.0 Stealth mode Optional smart card reader × 1 Optional night vision mode[10] Optional fingerprint scanner Optional Windows Hello	Intel® vPro™ Technology TPM 2.0 Stealth mode Night vision mode
Thunderbolt 4 x 1 USB 3.2 Gen1 (type A) × 1 or 2[8] Optional USB 3.2 Gen2 (type C) × 1 Optional USB 2.0 (type A) × 1 Audio in/out × 1 • RJ45 × 1 microSD card (microSDHC, microSDXC) × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1 Optional smart card reader × 1	Thunderbolt 4 x 1 USB 3.2 Gen2 (type C) × 1 Optional USB 3.2 Gen1 (type A) x 1[13] Audio in/out × 1 microSD card (microSDXC) × 1 Nano SIM card × 1 Docking connector × 1 DC-In × 1
Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS[14] Optional 4G LTE[14] / Optional 5G[14]	Wi-Fi 6E AX211 / Bluetooth® V5.3 Optional dedicated GPS[6] Optional GPS & 4G LTE (combo)[6]
Optional serial port (RS232/422/485) or USB 3.2 (type C) or USB 2.0 or 2nd USB 3.2 Gen1 (type A) or 1D/2D barcode reader[8]	Optional 1D/2D barcode reader[13]
AC adapter : 100-240V, 50Hz-60Hz, 65W	AC adapter : 100-240V, 50Hz-60Hz, 65W
10 (optional hi-cap battery 20 hours)	8.5 (optional hi-cap battery 17 hours)
Optional	Optional
-20°C ~ 60°C / - 4°F ~ 140°F	-20°C ~ 60°C / - 4°F ~ 140°F
-51°C ~ 71°C / -60°F ~ 160°F	-46°C ~ 71°C / -51°F ~ 160°F
317mm (L) × 215mm (W) × 24 mm (H) 12.48" (W) × 8.46" (D) × 0.94" (H)	227 mm (L) × 150 mm (W) × 20.5 mm (H) 8.94" (W) × 5.91" (D) × 0.81" (H)
1.49 kg / 3.29 lb	0.88 kg / 1.94 lb

810H	810H
6 ft / IP 66	6 ft / IP 66
●	●
●	●
●	●
●	●

DURABOOK GROUND CONTROLLER



GC-R8

GENERAL SPECS

Processor	STM32 Series
Gontrol	LEFT SIDE • Hall Effect Joystick x 1 or optional Direction-Pad x 1 • Push Button with Flip-Guard Cover x 1 • Push Button x 2 • Push Button (rear side) x 1 • Optional Toggle Switch (with Guard Walls) x 3 (ON-OFF-ON switch with optional lock design) • Optional Thumb Wheel (rear side) x 1 RIGHT SIDE • Hall Effect Joystick x 1 • Push Button with Flip-Guard Cover x 1 • Push Button x 2 • Push Button (rear side) x 1 • Optional Toggle Switch (with Guard Walls) x 3 (ON-OFF-ON switch with optional lock design) • Optional Thumb Wheel (rear side) x 1
I/O Interfaces	RJ-45 10/100/1000 (M12 Mil-Connector) x 1 USB 2.0 (M12 Mil-Connector) x 1 DC-IN (M12 Mil-Connector) x 1 Optional 2x Antenna Ports (WLAN) Optional 2x Antenna Ports (WWAN)
Expansion Slot	VESA 75/100 standard mounting hole pattern 75mm x 75mm & 100mm x 100mm (2.95" x 2.95"& 3.94" x 3.94) Stylus Holder mounting holes
Power	19V (DC) - powered by R8 Tablet (Fits also R8 Tablet with hi-cap battery)
Operating Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Storage Temperature	-51°C ~ 71°C / -60°F ~ 160°F
Dimension	365 mm (L) × 180 mm (W) × 69.9 mm (H)[4] 14.37" (W) × 7.09" (D) × 2.75" (H)[4]
Weight	< 1.2 kg / < 2.65 lb
Accessories	DC-IN (M12 Connector) Cable D-Ring Screws (4x) Optional 4-Point Shoulder Strap Optional 2-Point Shoulder Strap Optional Stylus with Tether Optional Stylus Holder

RUGGED FEATURES

MIL-STD-810H Certified	810H
Drop Rating	6 ft (R8 Tablet)
IP Certified	IP 66

GC-R8 ANATOMY



DURABOOK

Prepared for the Unexpected

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