



R8 Tablet

Extreme Power, Ultra Compact.

- 8.0" FHD display
- 12th Generation Intel® Core™ processor
- Intel® WiFi 6E AX211 & Bluetooth® V5.2
- Fanless design
- 10-point PCAP multi-touch panel with 4 touch modes
- Optional Long-Life Battery up to 17 hours
- Optional barcode, RFID & smart card reader
- Optional Dedicated GPS & 4G LTE WWAN



DURABILITY

- MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze / Thaw, High/Low Temperature, Temperature Shock, Humidity)
- MIL-STD 461F certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- Optional : ANSI/ISA 12.12.01-2000, Class I, Division 2
- 6' drop 26 faces
- IP 66 certified
- Aluminum-magnesium alloy chassis
- Port covers
- Optional sunlight readable display

OPERATING SYSTEM

- Windows® 10 /11 Pro 64-bit⁵

PROCESSORS

- Intel® Core™ i5-1230U (12th Gen) up to 4.4GHz, 12MB cache, with vPro™ 2x Performance- / 8x Efficient-cores with Max Turbo 4.4GHz / 3.3GHz
- Intel® Pentium® Gold 8500 (12th Gen), up to 4.4GHz, 8MB cache, 1x Performance- / 4x Efficient-cores with Max Turbo 4.4GHz / 3.3GHz
- Optional : Intel® Core™ i7-1250U (12th Gen) with vPro™ up to 4.7GHz, 12MB cache, 2P+8E cores

GRAPHICS

- Intel® Iris® Xe Graphics

MEMORY

- 8GB LPDDR4 onboard
- Optional : 16GB LPDDR4

STORAGE

- 128GB M.2 2242 NVMe SSD
- Optional : 256GB / 512GB / 1TB M.2 2242 SSD

DISPLAY

- 8.0" FHD (1280 × 800)
- 800 nits DynaVue® sunlight readable display with capacitive multi- touch screen
- Optional : digitizer
- User selectable touch mode for Finger/Water, Glove or Stylus programmable function

AUDIO

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker x 1

CAMERA

- Integrated 2.0 MP front-facing camera
- Optional : 8.0 MP auto-focus rear camera with flash

KEYBOARD & INPUT

- 3 buttons (1x user-definable key)

COMMUNICATIONS

- Intel® WiFi 6E AX211 (802.11ax)
- Bluetooth® V5.2
- Optional : GPS and LTE multi-carrier mobile broadband
- Optional : RF antenna pass-through for GPS, WWAN and WLAN¹

SECURITY

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Stealth mode
- Night vision mode
- Optional: smart card reader^{1,2}
- Optional: HF/LF RFID (NFC) reader^{1,2}
- Optional: UHF-RFID (NFC) reader^{1,2}

I/O INTERFACES

- Thunderbolt 4 x 1
- USB 3.2 Gen 2 (type C) x 1 (support DP)
- Audio in/out (combo jack) x 1
- microSD card (microSDXC) x 1
- Docking connector (20-pin Pogo) x 1
- Nano SIM card x 1
- DC-In jack x 1
- Optional : USB 3.2 Gen1 (type A) x 1²
- Optional : 10/100/1000 Ethernet (RJ45) x 1²
- Optional : serial port (RS232) x 1²
- Optional : 1D/2D barcode reader x 1²
- Optional : RF antenna pass-through for GPS, WWAN and WLAN¹

EXPANSION SLOT

- Optional : magnetic stripe reader^{1,2}
- Optional : smart card reader with LF/HF-RFID (NFC) or UHF-RFID (NFC) or RS232/RJ45/USB 3.2 Gen1 (type A)^{1,2}

POWER

- Power input 19V @ 3.42A
- AC adapter : 100-240V, 50Hz-60Hz, 65W Main battery Li-Ion, 3.8V, 3600mAh, 8.5 hours³
- Optional : long life battery Li-Ion 3.8V, 7200mAh, up to 17 hours³
- Optional : swappable battery : 5 minutes swap time⁴

ENVIRONMENT

- Temperature
 - Operating : - 20°C ~ 60°C / - 4°F ~ 140°F
 - Storage : - 46°C ~ 71°C / - 40°F ~ 160°F
- Humidity : 5% ~ 95%

DIMENSION & WEIGHT

- 227 mm (L) × 150 mm (W) × 20.5 mm (H)
- 0.86 kg

WARRANTY

- 3-year limited warranty standard

1. Contact your sales representative for feature availability.
2. Mutually exclusive options.
3. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
4. The system will stay operating (within 300 seconds in standby mode) when user swaps the battery.
5. Downgrade to Windows 10 Pro

Ordering Information

[more configurations on request](#)

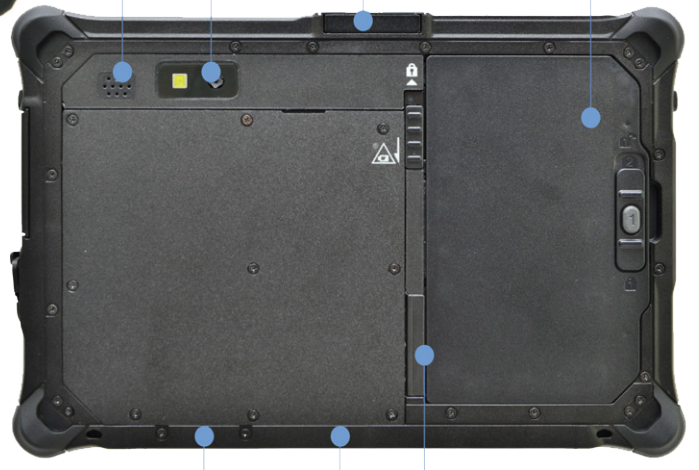
PN	Display	CPU	RAM	SSD	WiFi/BT	LTE/GPS	Additional options
R8-SLR-P-8G-128G-PAAX	800 nits	Pentium 8500	8GB	128GB	yes	no	no
R8-SLR-P-8G-128G-PAAB	800 nits	Pentium 8500	8GB	128GB	yes	no	Barcode Scanner
R8-SLR-P-8G-256G-PAAB	800 nits	Pentium 8500	8GB	256GB	yes	no	no
R8-SLR-i5-8G-128G-DPAAX	800 nits	Core i5-1230U	8GB	128GB	yes	no	8.0MP rear Camera
R8-SLR-i5-8G-128G-DPAAB	800 nits	Core i5-1230U	8GB	128GB	yes	no	8.0MP rear Camera, Barcode Scanner
R8-SLR-i5-8G-256G-DPAAX	800 nits	Core i5-1230U	8GB	256GB	yes	no	8.0MP rear Camera
R8-SLR-i5-8G-128G-DPEAX	800 nits	Core i5-1230U	8GB	128GB	yes	no	8.0MP rear Camera, GPS/LTE Combo with RF Pass Through Antenna

R8 I/O Details

POWER / VOLUME
DEFINABLE BUTTON MICROPHONE 2MP CAMERA



OPTIONAL
SPEAKER OPTIONAL
8MP CAMERA OPTIONAL BARCODE READER
OR USB 3.2 GEN 1 TYPE A SWAPPABLE
BATTERY PACK



USB 3.2 GEN 2 TYPE C
THUNDERBOLT 4
MIC / HEADSET
COMBO JACK
DC-IN



MAGNETIC
IPE READER

DURABOOK

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R8 Tablet Solution Guide





R8 Tablet

Extreme Power, Ultra Compact

Combining the mobility and flexibility of its pocketable form with a business-focused design, the R8 fully rugged tablet offers a unique combination of revolutionary computing power, rugged features and high portability to withstand the most challenging environments. Powered by Intel® 12th Generation processors, it is designed for professional operations close to the edge, where it is needed most. R8 features an 8" LCD display with Durabook's proprietary DynaVue® technology for an exceptional viewing experience even in direct sunlight. Weighing in at just 1.9lbs, the Durabook R8 sports a fanless and yet versatile expansion design for ultimate functionality. Its IP66 rating, six-foot drop resistance, MIL-STD 810H and ANSI/UL C1D2 certifications make the R8 more rugged than other comparable devices on the market, making it the most reliable mobile device to support digital and remote operations for all kind of professional applications.

- 8.0" LCD DynaVue® SR display with 800 nits
- 12th Generation Intel® Core™ Processor
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.2
- Long-Life Battery up to 17 hours
- Optional barcode, RFID & smart card reader
- 10-point capacitive multi-touch panel with four touch modes



DOCKING SOLUTIONS

Office Dock with AC Adapter

Ports:

- DC-in jack x 1
- 10/100/1000 Ethernet (RJ-45) x 1
- USB 3.0 (type A) x 2
- USB 2.0 (type A) x 2
- HDMI port (type A) x 1
- VGA port x 1
- Serial COM port (D-sub) x 1
- Audio out jack
- Microphone in jack

Size:

242 mm (W) x 122 mm (D) x 158 mm (H)

Weight: 1.31 kg

Part Number:

DDXR8_



POWER MANAGEMENT SOLUTIONS

Spare Standard Battery

Part Number:
DBMR8X



Spare Extended Hi-Cap Battery

Part Number:
DBHR8X



Battery Charger - 2 bays

Part Number:
DC2R8_



Supports both main and hi-cap battery
Supports up to three 2-Bay Chargers daisy chained together using the attached DC-out cable.
Power Input: 100-240V, 50-60Hz, 65W AC Adapter
Dimensions: 151 mm (W) x 146 mm (D) x 68 mm (H)
Weight: 0.6kg

Battery Charger - 8 bays

Part Number:
DC8R8_



Supports both main and hi-cap battery
Supports battery calibration with the push of a button
Power Input: 100-240V, 50-60Hz, 200W Internal Power Supply
Dimensions: 550 mm (W) x 175 mm (D) x 103 mm (H)
Weight: 4.5kg

65W AC Adapter with power cord

Part Number:
DAA6X_



Car Adapter (11-27V DC)

Part Number:
DAD1XX



PRODUCTIVITY SOLUTIONS

Expansion Module - Smart Card Reader

Part Number:
DESR8X



Expansion Module - Smart Card Reader with LF/HF-RFID (NFC)

Part Number:
DE2R8X



Expansion Module - Smart Card Reader with RS-232/RJ-45 & USB3.2

Part Number:
DE3R8X



Expansion Module - Smart Card Reader with UHF-RFID (NFC)

Part Number:
DE4R8X



Expansion Module - Magnetic Stripe Reader

Part Number:
DEMR8X



Shoulder Strap (2 Point)

Part Number:
DMS28X



Shoulder Strap (4 Point)

Part Number:
DMS48X



Hand Strap

Part Number:
DMHS8X



Rotating Hand Strap with Kickstand

Part Number:
DMRK8X



X Strap

Part Number:
DMXS8X



PRODUCTIVITY SOLUTIONS

Spare Stylus & Tether

Part Number:
DMSTTX



Spare Digitizer Pen

Part Number:
DMDPXX



Pen Holder

Part Number:
DMPH8X



Screen Protector Film

Part Number:
DPFR8X



Tablet Stand

Part Number:
DMTSXX



USB 3.0 Docking Station

Part Number:
DDXAU_



WARRANTY SOLUTIONS

Extended Warranty

Durabook's Extended Warranty provides up to an additional 2 years of warranty thereby minimizing the cost of repair throughout the lifecycle of your device.

Part Numbers:

EW4-R8 - Extended Warranty - Years 1 to 4 (including 1 Year Extended Warranty)

EW5-R8 - Extended Warranty - Years 1 to 5 (including 2 Year Extended Warranty)

Accidental Damage Warranty (Protection Plus)

Durabook's Accidental Damage Warranty provides up to 5 years of warranty. With Durabook's Accidental Damage Warranty your Durabook rugged devices are covered for accidental damage.

Part Numbers:

PP3-R8 - Accidental Damage Warranty - Years 1 to 3

PP4-R8 - Accidental Damage Warranty - Years 1 to 4 (including 1 Year Extended Warranty)

PP5-R8 - Accidental Damage Warranty - Years 1 to 5 (including 2 Year Extended Warranty)

Extended Battery Warranty

Durabook's Extended Battery Warranty provides up to 5 years of warranty on the device's main standard battery providing you with a worry free solution for your workforce.

Part Numbers:

EBW2-R8 - Extended Battery Warranty - 2 Years Cover (Main Standard Battery Only)

EBW3-R8 - Extended Battery Warranty - 3 Years Cover (Main Standard Battery Only)

EBW4-R8 - Extended Battery Warranty - 4 Years Cover (Main Standard Battery Only)

EBW5-R8 - Extended Battery Warranty - 5 Years Cover (Main Standard Battery Only)

EBWH2-R8 - Extended Battery Warranty - 2 Years Cover (Main with Hi-Cap Battery)

EBWH3-R8 - Extended Battery Warranty - 3 Years Cover (Main with Hi-Cap Battery)

EBWH4-R8 - Extended Battery Warranty - 4 Years Cover (Main with Hi-Cap Battery)

EBWH5-R8 - Extended Battery Warranty - 5 Years Cover (Main with Hi-Cap Battery)

Extended Warranty - Others

Durabook's other Extended Warranty provides up to 3 years of warranty on other Durabook Solutions.

Part Numbers:

EDW2-R8 - Extended Durabook Office Dock Warranty - 2 Years Cover

EDW3-R8 - Extended Durabook Office Dock Warranty - 3 Years Cover

SOLUTION OVERVIEW

CATEGORY	ITEM	PART NO.
DOCKING SOLUTIONS	Office Dock with AC Adaptor	DDXR8_
POWER MANAGEMENT SOLUTIONS	Spare Standard Battery	DBMR8X
	Spare Extended Hi-Cap Battery	DBHR8X
	Battery Charger - 2 bays	DC2R8_
	Battery Charger - 8 bays	DC2R8_
	65W AC Adapter with power cord	DAA6X_
	Car Adapter (11-27V DC)	DAD1XX
PRODUCTIVITY SOLUTIONS	Expansion Module - Smart Card Reader	DESR8X
	Expansion Module - Smart Card Reader with LF/HF-RFID (NFC)	DE2R8X
	Expansion Module - Smart Card Reader with RS-232/RJ-45 & USB3.2	DE3R8X
	Expansion Module - Smart Card Reader with UHF-RFID (NFC)	DE4R8X
	Expansion Module - Magnetic Stripe Reader	DEMR8X
	Shoulder Strap (2 Point)	DMS28X
	Shoulder Strap (4 Point)	DMS48X
	Hand Strap	DMHS8X
	Rotating Hand Strap with Kickstand	DMRK8X
	X Strap	DMXS8X
	Spare Stylus & Tether	DMSTXX
	Spare Digitizer Pen	DMDPXX
	Pen Holder	DMPH8X
	Screen Protector Film	DPFR8X
	Tablet Stand	DMTSXX
	USB 3.0 Docking Station	DDXAU_

SOLUTION OVERVIEW

CATEGORY	ITEM	PART NO.
WARRANTY SOLUTIONS	Extended Warranty	
	Extended Warranty - Years 1 to 4 (including 1 Year Extended Warranty)	EW4-R8
	Extended Warranty - Years 1 to 5 (including 2 Year Extended Warranty)	EW5-R8
	Accidental Damage Warranty (Protection Plus)	
	Accidental Damage Warranty - Years 1 to 3	PP3-R8
	Accidental Damage Warranty - Years 1 to 4 (including 1 Year Extended Warranty)	PP4-R8
	Accidental Damage Warranty - Years 1 to 5 (including 2 Year Extended Warranty)	PP5-R8
	Extended Battery Warranty	
	Extended Battery Warranty - 2 Years Cover (Main Standard Battery Only)	EBW2-R8
	Extended Battery Warranty - 3 Years Cover (Main Standard Battery Only)	EBW3-R8
	Extended Battery Warranty - 4 Years Cover (Main Standard Battery Only)	EBW4-R8
	Extended Battery Warranty - 5 Years Cover (Main Standard Battery Only)	EBW5-R8
	Extended Battery Warranty - 2 Years Cover (Main with Hi-Cap Battery)	EBWH2-R8
	Extended Battery Warranty - 3 Years Cover (Main with Hi-Cap Battery)	EBWH3-R8
	Extended Battery Warranty - 4 Years Cover (Main with Hi-Cap Battery)	EBWH4-R8
	Extended Battery Warranty - 5 Years Cover (Main with Hi-Cap Battery)	EBWH5-R8
	Extended Warranty - Others	
	Extended Durabook Office Dock Warranty - 2 Years Cover	EDW2-R8
	Extended Durabook Office Dock Warranty - 3 Years Cover	EDW3-R8



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The specifications and pictures are subject to change without notice.

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