# RUGGED HANDHELD DH8



- Prior choice of the one-handed rugged device
- Powerful performance with Intel® Atom® x6211 Processor
- LED Backlight Keypad with two Programmable keys through System Manager
- User-friendly Interface Design with a Touch Screen and Magnetic Stylus Pen to enhance operation efficiency
- Hot-swappable dual battery feature to extend the durability
- Rugged CNC milled aluminum case to withstand harsh and extreme environment
- Designed with MIL-STD-810H & IP65 compliant
- Upgraded with EMC solution of Optional MIL-STD-461G (Ground Navy and Ground Army) available























- · Specifications subject to change without notice.
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# **RUGGED HANDHELD**



Itama	Descriptions
Items Platform	Descriptions  - Intel® Elkhart Lake Platform
Operation	- IIILEIN EIKITATT LAKE PTATIOTTI
System	- Windows10
Processor	<ul> <li>Intel Atom® x6211E Processor</li> </ul>
	– 1.5M Cache, up to 3GHz
Graphic	- Intel® UHD Graphics
Display	- 5.7" (1280 x 720) LCD - Optical Bonding - Resistive Multi-Touch Screen - Brightness: 640 nits Optional: - Invisible mode On/Off
	- 8GB DDR4-3200
Memory	Optional:
	- 16GB/32GB; Up to 32GB DDR4-3200
Storage	- 128GB M.2 2242 SATAIII TLC SSD <b>Optional:</b> - 256GB/512GB/1TB M.2 2242 SATAIII TLC SSD
Audio	HD Audio Codec and Amplifie     Stereo Speaker     Optional:     Embedded Digital Mic
Sensor	- Ambient Light Sensor
Keypad	<ul> <li>1st Layer: Fn Lock, A1*, A2*, Windows, Rotation, Input Lock, Power</li> <li>2nd Layer: Esc, F2, Enter, →, ↓</li> <li>Backlight</li> <li>** Programmable keys, only settable by the Administrator Account</li> </ul>
LED Indicators	Power/S3 (Green/Flashing Green)     Charge/Battery low (Orange/ Flashing Orange)
Security	<ul> <li>Password Security (Administrator Password, User Password)</li> <li>Kensington Lock Slot</li> <li>TPM2.0</li> </ul>
Case	- CNC milled Aluminum
Stylus Pen	- Available
Color	- NATO Green
Environmental Specifications	- Operating Temperature: -20°C ~ +60°C - Storage Temperature: -40°C ~ +70°C  Optional: - Operating Temperature: -30°C ~ +60°C
Dimensions <sup>1</sup>	– 201 x 99 x 44.5 mm
Weight <sup>1</sup>	- Approximately 905g

Power	
Main Battery <sup>2</sup>	<ul><li>– Battery Pack BDH82A:</li><li>– Li-lon 7.2V/2700mAh x 2</li></ul>
Input Power	<ul><li>– PD Charging via Type-C</li><li>– 60W, 100~240VAC, 50/60Hz</li></ul>

Wireless & Communications		
LAN	Optional:	
	- 10/100/1000 base-T Ethernet <sup>3</sup>	
WLAN/	- Intel® Wi-Fi 6E AX210 (Wi-Fi 4, 5, 6)	
Bluetooth®	- Bluetooth®5.3	
GNSS	Optional:	
	- GPS/GLONASS/Galileo/Beidou	

I/O Interfaces		
Left	Optional:  - Fischer I/O⁴  - Audio  - GLAN  - USB2.0  - COM⁵	
Right	<ul> <li>USB 3.2 Gen.2 Type-C (Support for PD charging)</li> </ul>	
Bottom	- 16-pin Docking POGO Connector <sup>6</sup> x 1	

Accessories		
Protection Film	- Available	
AC Adapter	<ul><li>Rugged 60W USB-C AC Adapter</li><li>60W, 100V-240V 50/60Hz</li></ul>	
Battery Charger	<ul> <li>Multi Battery Charger MCDH for Battery:</li> <li>7.2V/2700mAh Li-Ion BDH82A</li> </ul>	

Certifications		
Certifications	- CE/FCC/UKCA/RCM - WEEE - REACH - POPs - ROHS - IP65 (without I/O caps) - MIL-STD-810H (1.5m drop test) - MIL-STD-461G (Ground Navy) <sup>7</sup> - MIL-STD-461G (Ground Army) <sup>7</sup> Optional: - IP67	



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<sup>&</sup>lt;sup>1</sup>Varies from configurations and optional accessories.

<sup>&</sup>lt;sup>2</sup>Hot-swappable with dual battery design.

<sup>3</sup>GLAN available via 16-pin POGO Connector.

<sup>4</sup>Choose Up to 3 I/O, non-repeatable.

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<sup>&</sup>lt;sup>5</sup>Default: RS232, BIOS Selectable: RS232/RS422/RS485. <sup>6</sup>Support USB3.2 Gen.2 x 1, USB2.0 x 1, 5V, Va 19V, GND <sup>7</sup>Contact your sales representative for more details.