

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



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Items	Descriptions
Platform	– Intel® Elkhart Lake Platform
Operation System	– Windows10
Processor	– Intel Atom® x6211E Processor – 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
Memory	– 8GB DDR4-3200 Optional: – 16GB/32GB; Up to 32GB DDR4-3200
Storage	– 128GB M.2 2242 SATAIII TLC SSD Optional: – 256GB/512GB/1TB M.2 2242 SATAIII TLC SSD
Audio	– HD Audio Codec and Amplifier – Stereo Speaker Optional: – Embedded Digital Mic
Sensor	– Ambient Light Sensor
Keypad	– 1st Layer: Fn Lock, A1*, A2*, Windows, Rotation, Input Lock, Power – 2nd Layer: Esc, F2, Enter, →, ↓ – Backlight ** Programmable keys, only settable by the Administrator Account
LED Indicators	– Power/S3 (Green/Flashing Green) – Charge/Battery low (Orange/Flashing Orange)
Security	– Password Security (Administrator Password, User Password) – Kensington Lock Slot – TPM2.0
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
Dimensions¹	– 201 x 99 x 44.5 mm
Weight¹	– Approximately 905g

Power	
Main Battery²	– Battery Pack BDH82A: – Li-Ion 7.2V/2700mAh x 2
Input Power	– PD Charging via Type-C – 60W, 100~240VAC, 50/60Hz

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

I/O Interfaces	
Left	Optional: – Fischer I/O ⁴ – Audio – GLAN – USB2.0 – COM ⁵
Right	– USB 3.2 Gen.2 Type-C (Support for PD charging)
Bottom	– 16-pin Docking POGO Connector ⁶ x 1

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

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) ⁷ – MIL-STD-461G (Ground Army) ⁷ Optional: – IP67

¹Varies from configurations and optional accessories.

²Hot-swappable with dual battery design.

³GLAN available via 16-pin POGO Connector.

⁴Choose Up to 3 I/O, non-repeatable.

⁵Default: RS232, BIOS Selectable: RS232/RS422/RS485.

⁶Support USB3.2 Gen.2 x 1, USB2.0 x 1, 5V, Va 19V, GND

⁷Contact your sales representative for more details.