



RUGGED SYSTEMS

RELIABLE IN THE EXTREME.

RTCU-4

WINDOWS® VERSION

RUGGED 2-IN-1 TABLET

**Powerful, configurable computing
built for mission-critical
operations.**

KEY FEATURES



**Intel® 13th Gen
Core™ i5 / i7 Options**



**Windows® 11 IoT
Enterprise**



**11.6" 1000-Nit
Display**



**Detachable
Keyboard**



**Expansion
Modules**



**IP65-Rated
Water & Dust
Resistant**



**8GB–32GB RAM
Options**



**Built-In Smart Card
CAC Reader**



**MIL-STD-810G & MIL-
STD-461F**

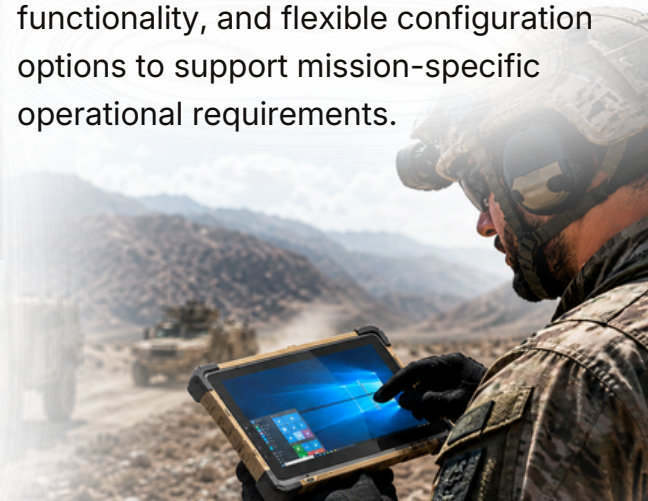


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PRODUCT OVERVIEW

The RTCU-4 combines powerful computing performance with military-grade durability in a versatile 2-in-1 platform. Designed for demanding operational environments, it features Intel® 13th Generation Core™ processor options, an 11.6-inch sunlight-readable touchscreen, detachable keyboard functionality, and flexible configuration options to support mission-specific operational requirements.



**SCAN TO
LEARN MORE
ABOUT RTCU-4**



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MANUFACTURED
IN THE USA**

TECHNICAL SPECIFICATIONS & ACCESSORIES

Explore the technical specifications, connectivity, environmental ratings, and compatible accessories that make the RTCU-4 a dependable solution for mission-critical operations.

SYSTEM

CPU	Intel® Core™ i5-1335U or i7-1355U
Operating System	Windows® 11 IoT Enterprise
RAM	8 GB–32 GB DDR5 RAM
Storage	256 GB–2 TB NVMe SSD
Microphone	Built-In
Speaker	Built-In
Switches & Buttons	1 Power Button, 5 Programmable Buttons, 2 Brightness Buttons

I/O PORTS

USB	USB 3.0 ×1
USB-C	USB Type-C ×1 (Power, Video, Data)
Ethernet	10/100/1000 Base-T LAN
HDMI	1
Audio	3.5 mm Jack
Smart Card	Full-Size Reader
Kensington Lock	Yes

NETWORK INTERFACE

Wi-Fi	Wi-Fi 802.11ax (2.4/5 GHz)
Bluetooth	Bluetooth 5.1

AVAILABLE ACCESSORIES

Keyboard Dock	Included / Optional
Digital Pen	Optional
Smart Card / CAC Reader	Available
Front Camera	Optional
4G LTE / AWS	Optional
Expansion Module	Available

PRODUCT IMAGE



MECHANICAL / ENVIRONMENTAL

Power Adapter	Input: 100–240V AC / Output: 20V DC, 3.25A
Battery Pack	Hot-Swappable 11.4V 5400mAh / Optional 8000mAh
Enclosure	ABS + PC plastic and magnesium-aluminum alloy
Dimensions	8.5 × 12.4 × 0.86 in
Weight	3.5 lb (1.6 kg)
Durability	IP65, MIL-STD-810G/H, MIL-STD-461F
Regulatory	FCC Class B, CE, RoHS
Humidity	0% - 90% non-condensing
Temperature	Operation Temp: -10°C to 60°C Storage Temp: -55°C to 70°C
HERO Certified	Yes

QUALITY & RELIABILITY

Engineered for mission-critical environments where computing performance, durability, and flexibility are essential. The RTCU-4 combines rugged construction with configurable hardware options to support a wide range of defense and aerospace applications.



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