

RUGGED WORKSTATION

RK15



- Excellent performance with server-grade Intel® Xeon® W-11865MLE Processor enables robust computing power.
- 15" LCD of 4:3 aspect ratio display for fitting more information vertically.
- Wide range of interfaces providing more connectivity capabilities.
- Massive storage with removable sealed SSD housing which configured up to 2TB.
- Compliant with MIL-STD-810H & IP65 to withstand extreme environments.
- Upgraded with EMC solution of Optional MIL-STD-461G (Ground Navy and Ground Army) available.



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Items	Descriptions
Platform	– Intel® Tigerlake-H Platform
Operation System	– Windows 10
Processor	– Intel® Xeon® W-11865MLE Processor – 8 Cores, 24MB Cache, up to 4.5GHz
Chipset	– Mobile Intel® RM590E Chipset
Graphic	– Intel® UHD Graphics
Display	– 15" (1600 x 1200) UXGA LCD – Optical Bonding – Brightness: 900 nits ¹ Optional: – Resistive Single Touch Panel
Memory	– 8GB DDR4-3200 x 2 Optional: – ECC/non ECC, up to 64GB
Storage²	– 1 st : Sealed 256GB M.2 PCIe 3.0 SSD Optional: – 1 st : Sealed 512GB/1TB M.2 PCIe 3.0 SSD – 2 nd : Sealed 256GB/512GB/1TB M.2 PCIe 3.0 SSD
Audio	– HD Audio and Stereo Speakers
Sensor	– Ambient Light Sensor
Keyboard	– 83-key with Backlight
Touchpad	– Resistive Touchpad with left/right clicks
Buttons	– Power Button
LED Indicators	– Bluetooth®/WLAN/GNSS (Blue) – Keyboard Caps Lock (Green) – SSD in Use (Flashing Green) – 2 nd Battery: Charging/Battery low (Orange/ Flashing Orange) – Primary Battery: Charging/Battery low (Orange/ Flashing Orange) – Power: System ON/S3 (Green/Flashing Green)
Security	– TPM 2.0
Case	– Magnesium/ Aluminum
Color	– Black/NATO Green
Environmental Specifications	– Operating Temperature: -20°C ³ ~ +55°C ⁴ – Storage Temperature: -40°C ~ +70°C Optional: – Operating Temperature: -30°C ⁵ ~ +55°C ⁴
Dimensions⁶	– 353 x 301 x 79 mm
Weight⁶	– Approximately 5.5 kg

Power	
Primary Battery⁷	– Battery Pack BRKF3A: – Li-ion 10.8V/8700mAh
Input Power	– DC-in Conn. Military 2-pin – 19V Optional: – DC-in Conn.: Military 3-pin – 12~32V BVA & Surge Protector Module

Wireless & Communications	
LAN	– 2.5G base-T Ethernet
WLAN/ Bluetooth®	Optional: – Intel® Wi-Fi 6E AX210 – Wi-Fi 4, 5, 6 – Bluetooth® 5.3
GNSS	Optional: – GPS/GLONASS/Galileo/Beidou

I/O Interfaces	
Left	– 1 st LAN RJ45 x 2 – USB 3.2 Gen. 2 Type-A x 2 – USB 2.0 Type-A x 2 – Audio Jack x 3 (Line-In/ Microphone/ Headphone) Optional: – Express Card Slot x 1 – Serial Port DB9 x 2 ⁸ (Default: COM3, COM4)
Right	– 2.5" SATAIII SSD Optional: – Smart Card Reader – Flex Bay ^{9,10} (Choose 1 out of 2) – SATA III ODD – 2 nd Battery Pack
Rear	– DC-in x 1 – Serial Port DB9 x 2 (Default: COM1, COM2) – Docking Connector x 1 – VGA port x 1 – Display Port++ x 1 – DVI Port x 1

Accessories	
AC Adapter	– 90W, 100-240VAC, 50/60Hz
2nd Battery^{7,9}	– Battery Pack BRKF3C: – Li-ion 10.8V/9100mAh
Low Temperature Battery²	– Battery Pack BRKF3B: – Li-ion 10.8V/7600mAh
Battery Charger	– Multi Battery Charger MCRK for Battery: – 10.8V/8700mAh Li-Ion BRKF3A – 10.8V/9100mAh Li-Ion BRKF3C
External Vehicle Adapter	– EVA 1275 – EVA19040

Certifications	
Certifications	– CE/FCC/UKCA/RCM – WEEE – REACH – RoHS – POPs – IP65 (without I/O caps) ¹¹ – MIL-STD-810H – MIL-STD-461G (Ground Navy) ¹² – MIL-STD-461G (Ground Army) ¹²

¹ Varies from display configurations.

² User-removable.

³ Instant Cold Boot via AC Mode.

⁴ via AC Mode

⁵ Cold Boot via LCD Heater.

⁶ Varies from configurations and optional accessories.

⁷ Hot-swappable with dual battery design.

⁸ Default: RS232, BIOS selectable RS422, RS485

⁹ User-removable, Fanless version only, non-backward compatible.

¹⁰ Support signal: SATAIII x 1, PCIe x 1, USB 3.2 Gen.2 x 1, 2nd battery, COM x 1, 2nd LAN x 1

¹¹ Optional Smart Card Reader shall be covered.

¹² Contact your sales representative for more details.

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