

# VOYAGER / GATEWAY 1

**Voyager G1 is a rugged LMR form-factor compute with integrated cellular WAN for dismounted operations.**

Voyager G1 is built rugged to operate and survive as a lightweight component on existing soldier body-worn kits.

Powered by Anduril Keel and when connected to the Anduril management tools, the open compute platform is easy to configure, allowing for diverse and modern C2 workloads and applications at the far edge.

Voyager G1 supports both wired and wireless networking, including cellular connectivity with GNSS, allowing users to connect to a wide range of networks, sensors and effectors in DDIL environments.



## KEY FEATURES

- IP67 compliant low power (12 W)  
Qualcomm ARM-based compute module
- Integrated CPU / GPU with separate embedded NVMe storage for the OS and application data
- Wide range of integrated connectivity - Nett Warrior and ODU ports consisting of USB, Wi-Fi, GNSS, and cellular
- Powered by Anduril Keel, a secure, rugged, and lightweight OS with container-based application support
- Zero-touch provisioning and ease of application deployment at scale via an Anduril management server
- Simple zeroization procedure to erase mission sensitive applications and data



PORTABLE



RUGGED



LOW POWER

# VOYAGER/GATEWAY 1

## ORDERING INFORMATION

- Part No: BWC-MAIN-DOCK-A

## COMPUTE

ARM-based Qualcomm QRB5165 in SMARC form-factor:

- Kryo 585 CPU (8-core)
- Adreno 650 GPU with 15 TOPS
- Hexagon DSP with Tensor Accelerator
- 16 GB RAM

## STORAGE

- OS: 512GB NVMe embedded device
- Data: 256GB NVMe embedded device

## CONNECTIVITY

- 4G Cat 12 cellular modem with GNSS
- 802.11ax/ac/a/b/g/n 2x2 Wi-Fi modem

## INTERFACES

- 1 x NW USB 2.0 OTG
- 1 x ODU USB 3.1
- 1 x Dataport USB 2.0
- 1 x ODU Ethernet 1GbE

## DISPLAY

- E-ink

## POWER

- 15 VDC Input (Nett Warrior)
- 12 VDC MBITR Battery

## PHYSICAL

- Size: 7.1" x 3.1" x 1.52" (18.03 x 7.87 x 3.86 cm)
- Weight: 1.3 lbs (0.6 kg)
- IP Rating: IP67 ingress protection

## SOFTWARE

- Anduril Keel: Lightweight, power-failure tolerant OS, with support for:
  - Containerization
  - L2/L3 networking (incl. Auto-PACE)
- Anduril management tools support:
  - Device Identity and enrollment
  - Security enforcement
  - Secret configuration delivery
  - Software load lifecycle via app catalog

## COMPLIANCE

Designed to meet:

- IP67 rating
- MIL-STD-810
- MIL-STD-461

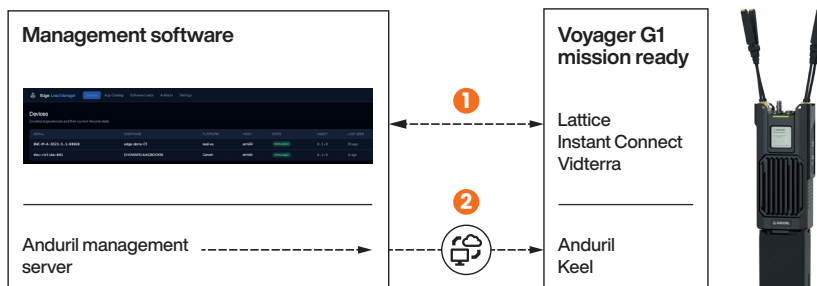
## TEMPERATURE RANGE

- Operating: -25°C to 50°C (-13°F to 122°F)

## VOYAGER G1 ZERO-TOUCH PROVISIONING AND ZEROIZATION

Zero-Touch Provisioning:

1. Voyager G1 connects to the Anduril management server over Ethernet when booted in a factory default state running Anduril Keel. The management server verifies the identity of the Voyager G1 device and enrolls for configuration.
2. Mission required applications pre-loaded in the Anduril management server are securely deployed to Voyager G1.



Zeroization Procedure:

1. Press and hold the two side function buttons for 10 seconds to remove all locally stored services and data. Returning the Voyager G1 to a factory default state.
2. On power up, the Voyager G1 will attempt to connect to the Anduril management server, to reload a configuration and mission software.