



SYSTEMS



High-clarity
dual-display layout
for enhanced mission
awareness



Fast-access
control layout allowing
efficient operation
under field pressure



Optimized dual-
screen mission view
separating video
feed and v



Reinforced design
for durability in harsh
mission conditions

DRAGONFLY NR-8 DUAL

DUAL SCREEN FOR TOTAL CONTROL

High-precision dual-screen
ground control system
for mission critical
unmanned operations

CONFIGURATIONS

Standard



FRONT VIEW



REAR VIEW



TOP VIEW



BOTTOM VIEW

- | | | |
|---|--|---|
| <ul style="list-style-type: none">1 Auxiliary Display2 Durabook R8 Rugged Tablet3 2-Axis Hall-Effect Joystic4 Push Button with Protective Cover5 Push Buttons | <ul style="list-style-type: none">6 1-Axis Hall-Effect Thumbwheel Switches7 Connectors8 Stylus9 Optional Adjustable Kickstand | <ul style="list-style-type: none">10 VESA 75/100×75/100 Mount Interface11 Strap Anchor12 Customizable Function Labels13 Customizable Label with Client's Logo14 Customizable ID Label |
|---|--|---|

Optional Customizations



2-Axis Hall-Effect Castle Joysticks

Can be installed instead of 3

Additional configuration options are available, including customized interfaces, controls, and I/O layouts to match your project requirements.

WHY PARTNER WITH NTI SYSTEMS

- | | | |
|--|---|--|
| <p>1.</p> <p>END-TO-END DESIGN AND MANUFACTURING</p> | <p>2.</p> <p>PROVEN EXPERTISE IN GCS ACROSS MULTIPLE FORM FACTORS</p> | <p>3.</p> <p>CUSTOM-BUILT SOLUTIONS FOR MISSION-READY AND INDUSTRIAL USE</p> |
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SPECIFICATIONS

Powered by advanced Intel® architecture with flexible performance configurations.

AUXILIARY DISPLAY

8.0" LCD, 800 nits, 10-point capacitive multi-touch



OPERATING SYSTEM

Windows® 11 Pro 64-bit

PROCESSORS

- Intel® Core™ i7-1250U (12th Gen) Processor with vPro™ (12MB Cache, up to (4.7 GHz, 2P+8E cores
- Intel® Core™ i5-1230U (12th Gen) Processor with vPro™ (12MB Cache, up to (4.4 GHz, 2P+8E cores

RAM

Onboard 8GB up to 16GB

STORAGE

128GB NVMe PCIe SSD
Optional 256GB/512GB/1TB PCIe SSD

SECURITY

- Intel® vPro™ Technology
- Secured-core PC
- TPM 2.0
- NIST BIOS compliant
- Stealth mode

POWER SUPPLY

- AC adapter 100-240V, 50Hz-60Hz, 65W
Optional 12-32 V DC input
- Main battery Li-Ion, 7.6V, 3600mAh
Optional long life Li-Ion battery 7.6V, 7200mAh



**DESIGNED TO MEET
OPERATIONAL DEMANDS AND
MAINTAIN RELIABILITY IN ANY
ENVIRONMENT**

RUGGED

- Designed to meet MIL-STD-810/461
- IP-66 compliance

CONNECTIVITY

Ultra-rugged connectors

- Ethernet 10/100 x2
- USB 2.0
- USB 3.2 Gen2 (Type-C)

COMMUNICATIONS

Integration of third-party GDT modules

Optional LTE, Wi-Fi, GPS

ERGONOMICS

- Aux 8.0" LCD, 800 nits, 10-point touch
- Built-in Kickstand
- VESA 75/100x75/100 Mounting
- Stylus
- Custom Function Labels

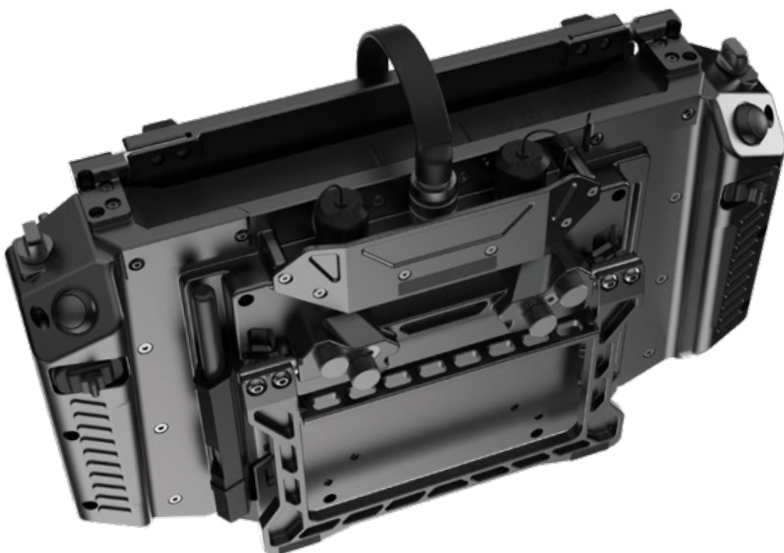


Specifications may vary depending on selected configuration.

BUILT FOR PROFESSIONAL OPERATORS

NR-8 DUAL is a rugged, dual-screen operator controller designed for users who require precise control, high reliability, and full situational awareness when working with advanced unmanned systems.

The unit is fully customizable. Joystick type, button layout, switches, connectors and external modules can all be configured to match specific operational workflows and operator preferences.



KEY SECTORS



Mission-Ready Operations

Portable control of UAVs, UGVs, and field systems in demanding operational environments.



Industrial Robotics

Operation of robotic systems and autonomous equipment in industrial and production environments.



Remote Inspection & Monitoring

Infrastructure inspection, site monitoring, and field surveillance operations.



Remote Control Systems

Portable control of mobile platforms and mission-specific field systems.



Mission-Ready Rugged Devices

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