



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

GROUND CONTROL SYSTEM

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

DUAL SCREEN FOR TOTAL CONTROL



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



1

Mission-Ready Operations

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



2

Industrial Robotics

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



3

Remote Inspection & Monitoring

Infrastructure inspection, site monitoring, and field surveillance operations.



4

Remote Control Systems

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

WHY PARTNER WITH NTI SYSTEMS

1.

END-TO-END
DESIGN AND
MANUFACTURING

2.

PROVEN EXPERTISE IN
GCS ACROSS MULTIPLE
FORM FACTORS

3.

CUSTOM-BUILT SOLUTIONS
FOR MISSION-READY AND
INDUSTRIAL USE

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.

CONFIGURATIONS

Standard



FRONT VIEW



REAR VIEW



TOP VIEW



BOTTOM VIEW

- 1 Auxiliary Display
- 2 Durabook R8 Rugged Tablet
- 3 2-Axis Hall-Effect Joystick
- 4 Push Button with Protective Cover
- 5 Push Buttons
- 6 1-Axis Hall-Effect Thumbwheel Switches
- 7 Connectors
- 8 Stylus
- 9 Optional Adjustable Kickstand
- 10 VESA 75/100×75/100 Mount Interface
- 11 Strap Anchor
- 12 Customizable Function Labels
- 13 Customizable Label with Client's Logo
- 14 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.



Mission-Ready Rugged Devices

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