



SYSTEMS



Compact 8" Platform



Integrated Manual Controls



Fast Battery Access



Rugged Field Reliability

# DRAGONFLY ND-8 FLEX

GROUND CONTROL SYSTEM

Dragonfly ND-8 Flex is a Rugged GCS built for mobile operations, featuring integrated controls and quick-swap batteries.

COMPACT GROUND CONTROL WITH FAST BATTERY ACCESS

## COMPACT CONTROL WITH FLEXIBLE FIELD OPERATION



Dragonfly ND-8 Flex is built for operators who need a rugged and portable control system for demanding field missions. Based on a compact 8-inch platform, it combines responsive manual controls, durable construction, and simplified battery access in one mission-ready solution.

Its lightweight format supports mobile deployment across UAV, UGV, security, and industrial robotic applications, while NTI's customization capabilities allow each system to be tailored to specific operational needs.

### 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.



### OPERATING SYSTEM

Windows® 11 Pro  
64-bit

### DISPLAY

8.0" LCD (1280 x 800)  
800 nits DynaVue®  
sunlight readable display with  
capacitive multi-touch screen

### 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)
- Intel® Pentium® Gold Processor 8500 (8MB Cache, up to 4.4 GHz, 1P+4E cores)

### RAM

Onboard 8GB up to 16GB (LPDDR4x)

### 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, 4800mAh
- *Optional* high-capacity Li-Ion battery 7.6V, 9600mAh
- *Optional* Swappable Battery – 5 minutes swap time. *The system will stay operating (within 300 seconds in standby mode) when user swaps the battery.*



**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
- TYPE A USB 3.2

### COMMUNICATIONS

Integration of third-party GDT modules  
*Optional* LTE, WI-FI/BT, GPS

### ERGONOMICS

- VESA 75x75 Mounting
- Stylus
- Custom Function Labels
- *Optional* Detachable Kickstand



EASILY REMOVABLE BATTERY



DETACHABLE KICKSTAND

Specifications may vary depending on selected configuration.

## CONFIGURATIONS

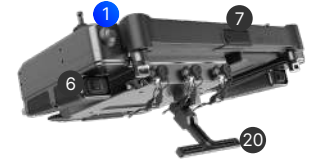
### Standard



FRONT VIEW



REAR VIEW



TOP VIEW

- 1 5 Push Buttons
- 2 2-Axis Hall-Effect Joysticks
- 3 Push Button with Protective Cover
- 4 3-Way Control Switch
- 6 1-Axis Hall-Effect Thumbwheel Switches
- 7 USB 3.2 Gen 1 Type-A
- 8 J1 – Power
- 9 J2 – Ethernet 10/100 + USB 2.0
- 10 J3 – Ethernet 10/100 with Optional Power Output
- 11 Grip Anti Slip Stickers
- 12 Strap Anchors
- 13 Stylus
- 14 VESA 75×75 Mount Interface
- 15 ID Product Label with Client’s Logo
- 16 Custom Function Labels
- 17 Customizable Label with Client’s Logo
- 18 Durabook R8 Rugged Tablet
- 19 Easily Removable Battery
- 20 Optional Detachable Kickstand

### Optional Customizations



Mom-Off-Mom or On-On-On Toggle Switches

Can be installed instead of 1



2-Axis Hall-Effect Castle Joysticks

Can be installed instead of 2



Push Button with Protective Cover / 3-Way Control Switch

Can be installed instead of 3 or 4



## Mission-Ready Rugged Devices

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