



SYSTEMS



Rugged military-grade design



Compact and powerful control solution



Seamless integration with drones and robotics



Reliability in harsh environments

DRAGONFLY ND-11

FLEXIBLE TO ALL OF YOUR NEEDS IN THE FIELD

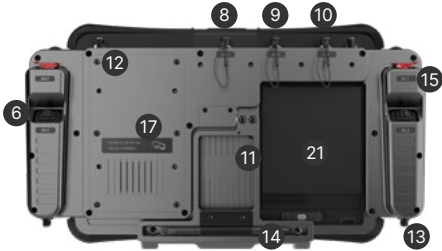
Dragonfly ND-11
Rugged Ground Control
System for UAV, UGV,
USV and Robotics

CONFIGURATIONS

Standard



FRONT VIEW



REAR VIEW



TOP VIEW

- 1 4 Push Buttons
- 2 2-Axis Hall-Effect Stick Joysticks
- 3 On/Off Toggle Switch With Guard
- 5 3-Way Control Switch
- 6 1-Axis Hall-Effect Thumbwheel Switches
- 7 Push Button with Protective Cover

- 8 ETH 10/100
- 9 USB 2.0/ETH 10/100
- 10 Power IN
- 11 Built-in Kickstand
- 12 VESA 75×75 Mount Interface
- 13 Strap Anchors
- 14 Stylus

- 15 Custom Function Labels
- 16 Customizable Label with Client's Logo
- 17 ID Product Label with Client's Logo
- 18 Durabook U11I Rugged Tablet
- 19 Programmable Function Buttons
- 20 USB 3.2 Gen 1 (Type A) Port
- 21 Hot-swappable battery

Optional Customizations



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

Can be installed instead of



2-Axis Hall-Effect Castle
Joysticks

Can be installed instead of 2



Push Buttons

Can be installed instead of 3

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

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 32GB

STORAGE

256GB NVMe PCIe SSD
Optional 512GB/1TB/2TB 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
- Hot-swappable batteries
Bridge option ensures continuous operation



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, GPS

ERGONOMICS

- Built-in Kickstand
- VESA 75×75 Mounting
- Stylus
- Custom Function Labels



Specifications may vary depending on selected configuration.

BUILT FOR MISSION-CRITICAL OPERATORS



ND-11 is a robust and ergonomic controller designed for operators who require reliable performance and full control of large unmanned systems in the field.

The unit is fully customizable — joystick type, button layout, switches, connectors, and external modules can all be tailored to specific mission profiles 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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