



# N-Tron® NT5008 FX2 8 Port Gigabit Managed Industrial Ethernet Switch

Item number: NT-5008-FX2-ST15

The N-Tron NT5008 FX2 is a Ethernet switch that keeps networks connected and protected right out of the box. Easy to use and highly reliable, it optimizes communication performance and maximizes uptime. It features six 10/100/1000BaseT RJ45 ports; two 100BaseFX, singlemode, 15km, ST style connector ports; and the rugged design and security of the N-Tron 5000 series.



*Connects your devices reliably with simple configuration and robust security*

## Features and benefits

- ✓ **Rugged and durable design**  
Operates in extreme temperatures from -40° C to 85° C, has high shock and vibration tolerance, ESD and surge protection. Built to provide years of reliable performance in harsh conditions.
- ✓ **Easy setup with configuration wizard**  
A quick start wizard walks administrators through switch configuration for fast deployment. Retrieve and redistribute configuration files easily to other NT5000 devices on the network.
- ✓ **High quality graphical user interface**  
Intuitive and user-friendly dashboard features color-coded gauges, making it easy to monitor and manage activity. View port configuration and activity, traffic, event logs, errors and more.
- ✓ **Designed with network redundancy to maximize uptime**  
High availability protocols (STP/RSTP/MSTP), port trunking and LACP maximize uptime and keep mission critical operations running without interruption.
- ✓ **Design enhancements to simplify VLAN configuration**  
Ease of use enhancements make VLAN configurations easier than ever. The graphical display shows a logical view of the switch, including the VLAN port and tag configuration.
- ✓ **Advanced features designed to meet future needs**  
With advanced management, performance and security features provided right out of the box, you have tools you need now – and as your network needs grow.
- ✓ **Extensive industry certifications**  
With extensive compliance certifications, the switch is ideal for a wide range of industrial applications in factory automation, oil and gas, water/wastewater, power utilities and more.
- ✓ **Reliable connectivity to industrial data**  
The N-Tron NT5000 managed Ethernet switch connects industrial operations to data reliably and efficiently. It provides an industry-ready way to move data across industrial networks.
- ✓ **Robust security for your network switches**  
Protect against unauthorized access with built-in security features: password encryption, IEEE 802.1X port and user authentication (RADIUS), MAC security and support for event logs and syslogs.
- ✓ **~30ms healing and RSTP/MSTP network redundancy**  
Comes with N-Tron's N-Ring ~30ms healing technology. Pre-configured N-Ring ports make it easy to add new NT5000-series switches. Reconfigure by changing the ring from "auto-member" to "manager."
- ✓ **N-View™ 2 monitoring technology**  
Monitor multiple N-View™-capable switches from a single window. This windows-based software reduces downtime by centralizing firmware management, grouping devices and scheduling firmware updates.

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## General

Net Weight (g)	0.01
Packed Width (mm)	254
Packed Height (mm)	133.35
Packed Depth (mm)	304.8
Packed Weight (g)	993.01
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10% to 95% (Non Condensing)
Input Voltage (V)	10-49 VDC
Maximum Installation Altitude (m)	3048
Mounting	DIN rail mount (bracket included), Wall mount
Panel Cut-Out Dimensions	97.8 x 3.74" (95.1 mm)
Housing Materials	Metal Housing
Packaging Material	Cardboard
Warranty (years)	3

## Identification and Status

Product ID	NT-5008-FX2-ST15
Country of Origin	United States of America (the)

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HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

## Physical Features

Top Wiring Clearance (mm)	101.6
Front Wiring Clearance (mm)	101.6
LAN Specification	up to 4k
SD Card Slot	No
Flash Drive	No
Contains Battery	No

## Bluetooth Features

Net Data Throughput	Up to 12.4Gb/s
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## Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	Yes
UL	No
ATEX	Yes
DNV	No
KC	No

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## Certifications and Standards

<b>Mean Time Before Failure (MTBF)</b>	1.2M Hours
<b>Vibration and Shock</b>	IEC 68-2-27: 200 g @ 10 ms Triaxial; non-operational; panel mounted; IEC 68-2-6: 15 g @ 5-200 Hz Triaxial; operational; panel mounted