



Unmanaged Ethernet Switches
for Reliable Performance in
Harsh Environments

N-Tron® NT100 Series

Compact, Rugged Unmanaged
Industrial Ethernet Switches



Unmatched Performance and Reliability in Harsh Industrial Environments

The N-Tron® NT100 Series unmanaged Ethernet switches minimize downtime and maximize throughput to improve efficiency and drive operational performance.

These compact devices offer exceptional reliability and performance for a range of mission-critical applications including data acquisition, Ethernet I/O, and process control. Delivered in a rugged industrial metal enclosure, the NT100 Series unmanaged switches offer 10/100BaseTX copper port or copper port and 100BaseFX fiber port configuration options with full wire speed communications—up to 3.2 Gb/s throughput. The units boast tolerances to shock, vibration, temperature fluctuations and noise—common elements in factory floor control networks, oil & gas, utilities, water/wastewater treatment, wind, rail, intelligent traffic control and transportation applications.



Industry Certifications

The NT100 series carries UL Ordinary and Hazardous locations as well as ATEX and IECEx certification in addition to IEEE 802.3 compliance and marine, railway, and rolling stock certifications.



The N-Tron® NT100 Series provides the following benefits!



Durability and reliable performance in harsh environments



Compact space saving



High shock and vibration tolerance



Robust network support

Designed for industrial applications needing dependable performance under harsh conditions

The compact N-Tron® NT100 Series unmanaged Ethernet switches are designed for use in industrial applications that demand dependable performance under harsh conditions.

Standard Features Include:

- Available in a variety of copper and fiber port configurations to meet specific installation requirements
- Redundant 10-49 VDC power inputs
- Compact, space-saving hardened industrial design
- -40 °C to 85 °C operating temperature
- High shock and vibration tolerance
- Reverse polarity protection
- ESD and surge protection on RJ45 ports
- Auto-sensing speed and flow control on RJ45 ports
- IEEE 802.3 compliance
- Full wire speed communication
- Jumbo frame support
- Field installable panel mount option

Model	Total Ports	10/100BaseTX RJ45 Ports	100BaseFX Fiber Ports	Fiber Connector	Fiber Type	Distance Rating
NT110-FX2-SC00	10	8	2	SC	Multimode	2km
NT110-FX2-ST00	10	8	2	ST	Multimode	2km
NT110-FX2-SC15	10	8	2	SC	Singlemode	15km
NT110-FX2-SC40	10	8	2	SC	Singlemode	40km
NT110-FX2-SC80	10	8	2	SC	Singlemode	80km
NT110-FX2-ST15	10	8	2	ST	Singlemode	15km
NT110-FX2-ST40	10	8	2	ST	Singlemode	40km
NT110-FX2-ST80	10	8	2	ST	Singlemode	80km
NT111-FX3-SC00	11	8	3	SC	Multimode	2km
NT111-FX3-ST00	11	8	3	ST	Multimode	2km
NT111-FX3-SC15	11	8	3	SC	Singlemode	15km
NT111-FX3-SC40	11	8	3	SC	Singlemode	40km
NT111-FX3-SC80	11	8	3	SC	Singlemode	80km
NT111-FX3-ST15	11	8	3	ST	Singlemode	15km
NT111-FX3-ST40	11	8	3	ST	Singlemode	40km
NT111-FX3-ST80	11	8	3	ST	Singlemode	80km
NT112-FX4-SC00	12	8	4	SC	Multimode	2km
NT112-FX4-ST00	12	8	4	ST	Multimode	2km
NT112-FX4-SC15	12	8	4	SC	Singlemode	15km
NT112-FX4-SC40	12	8	4	SC	Singlemode	40km
NT112-FX4-SC80	12	8	4	SC	Singlemode	80km
NT112-FX4-ST15	12	8	4	ST	Singlemode	15km
NT112-FX4-ST40	12	8	4	ST	Singlemode	40km
NT112-FX4-ST80	12	8	4	ST	Singlemode	80km
NT116-0000-0000	16	16				

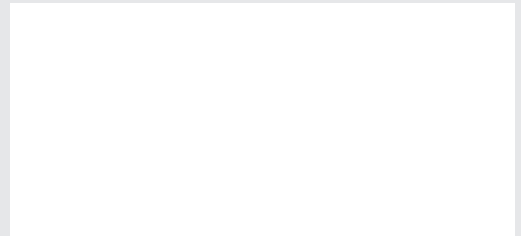


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