

# NP3016T-16D (RS-232)

## 16 Port RS-232 to Ethernet Serial Server

### Features

- ⊙ Support 10/100M Ethernet
- ⊙ Support 16 Port RS-232
- ⊙ Support WEB and Telnet configuration
- ⊙ Support TCP, UDP, ARP, ICMP, DHCP and DNS protocol
- ⊙ Support TCP Server, TCP Client, TCP Auto, UDP and Real COM driver working mode
- ⊙ Support UDP multicast and UDP subnet mode
- ⊙ Support heartbeat time and time over disconnect function
- ⊙ Support cross-gateway and cross-router communication
- ⊙ Support virtual serial COM port access and Network interruption automatic recovery
- ⊙ Provide Windows configuration tools for easy to use, easy to bath install.
- ⊙ Industrial grade design, IP30 protection grade
- ⊙ No fan, low consumption design
- ⊙ Working temperature: -25~55℃



### Introduction

NP3016T-16D (RS-232) is an high performance, industrial grade serial to Ethernet server, it can satisfy some kinds of customer requirements in consumption, temperature, volume and handle ability. It provides 16 port RS232 (RS-232 connector: RJ45) and 1 port 10/100Base-Tx Ethernet, can focus manage disperse serial device, master through network, easy, convenience. In application, can configure, upgrade through WEB

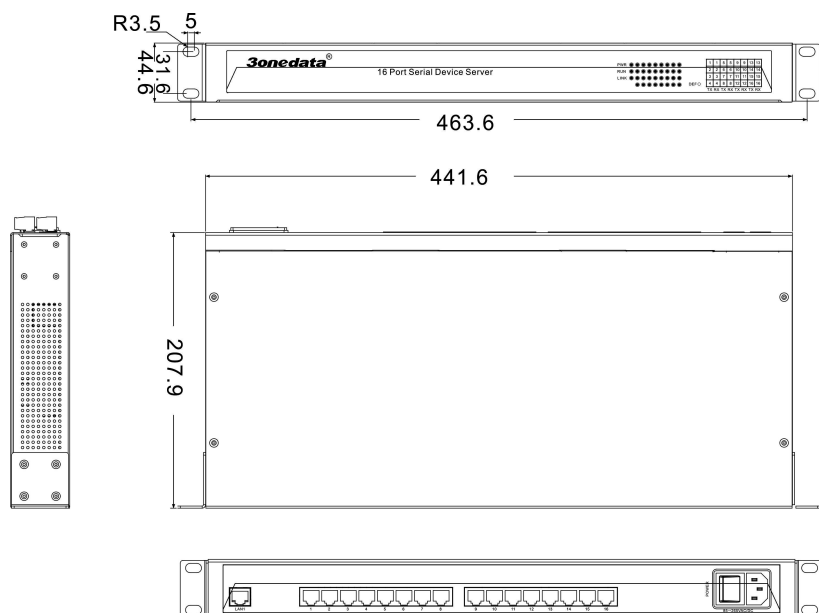
configuration tools based in Windows platform, it can guide user configure the device step by step, all configurations are coming true by WEB or Telnet, support cross-gateway and cross-router, user can flexible configure IP address, server and client mode, data bag size etc.

NP3016T-16D (RS-232) adopts EMC protection design, can work in rugged environment.

Moreover, NP3016T-16D (RS-232) provide strong function

### Dimension

Unit (mm)





## Specification

### Ethernet port

Standard: 10Base-T, 100Base-TX

Protocol: Support TCP, UDP, APR, ICMP and DHCP

Signal: Rx+, Rx-, Tx+, Tx-

Speed: 10/100Mbps

Working: Full-duplex and half duplex

Working mode: Support TCP Server and Client

Transfer distance: 100m

Connector: RJ45

### RS232 port

RS232 port number: 16

RS-232 signal: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS

Parity bit: None, Even, Odd, Space, Mark

Data bit: 5bit, 6bit, 7bit, 8bit

Stop bit: 1bit, 2bit

Band rate: 300bps~115200bps

Loading: point to point

Transfer distance: no more than 15m

Connector: RJ45

Protection: class 3 static

### LED Indicator

Working status indicator: RUN

Power (PWR)

Ethernet port connection status (Link)

RS232 port transmit data indicator: TX1~TX16

RS232 port receive data indicator: RX1~RX16

### Power requirements

Input Voltage: 85~265VAC/DC

No-load consumption: 1.9W@220VAC

Full-load consumption: 3.4W@220VAC

### Mechanical

Shell: IP30 protection, metal shell

Installation: 1U 19" rack mount

Weight: 2500g

Size (L×W×H): 441.6mm×207.9mm×44.6mm

### Environment limits

Working temperature: -25~55°C

Storage temperature: -30~85°C

Relative humidity: 5%~95% (non-condensing)

### Standard

EMI: EN 55022 Class A, FCC Part 15

EMS: EN 61000-4-2 (ESD) Level 3,

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

### Warranty

Warranty time: 5 years

### Certificates

CE, FCC, RoHS, UL508 (pending)

## Ordering Information

**NP3016T-16D (RS-232)** 16-port RS232 to Ethernet (10M/100M), AC85~265V, wall mounting

## Packing List

1. NP3016T-16D(RS-232) × 1
2. User manual × 1
3. Power cable × 1
4. CD × 1
5. Warranty card × 1
6. Certificate of quality × 1