

# RMX828 series Multiplexer

2 SYNC and 8 ASYNC over one  
SYNC or ASYNC line

DDN NTU / DTU Connection

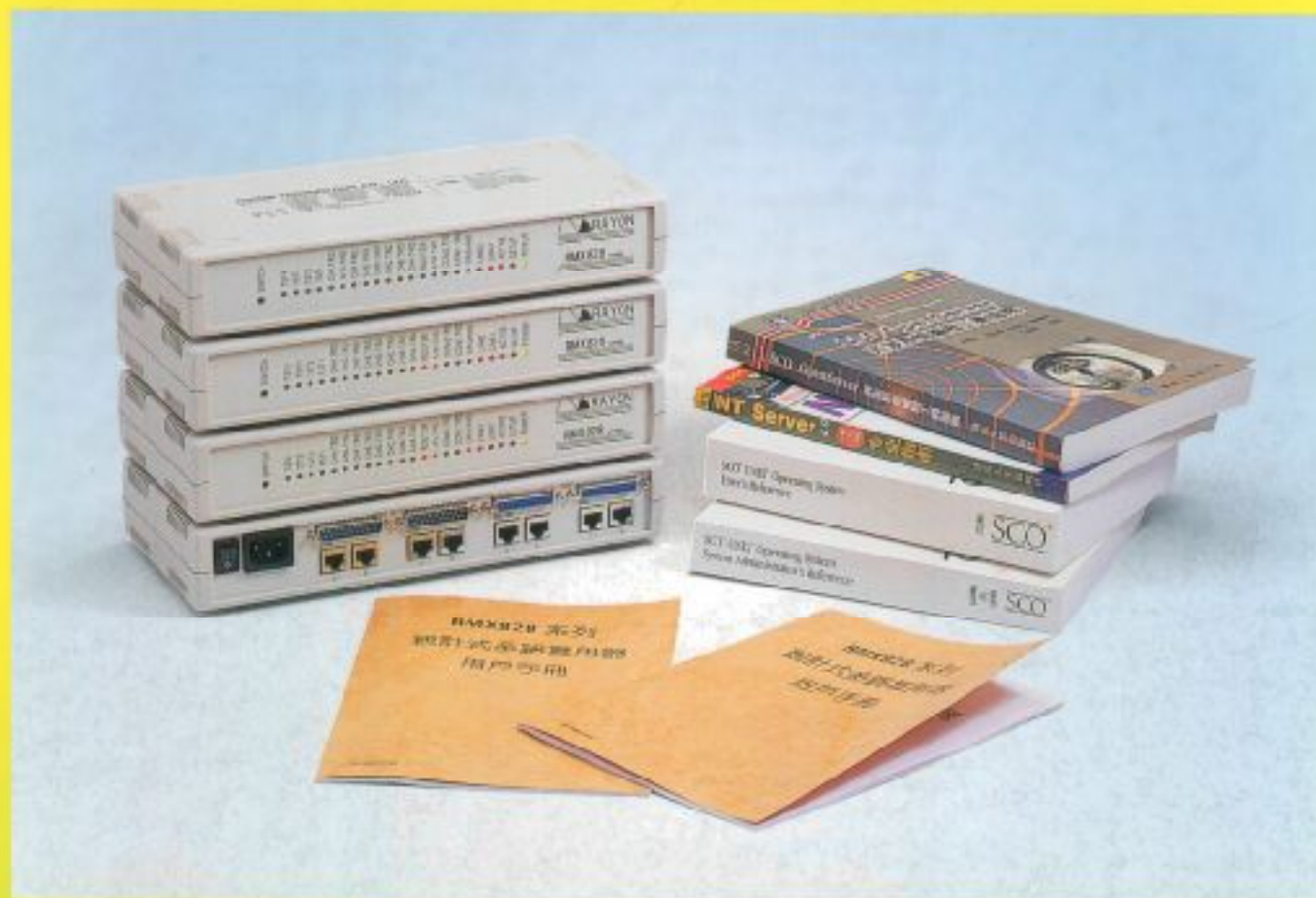
Leased Line Connection

DialUp Line Connection

256000bps SYNC connection

230400bps ASYNC connection

115200bps terminal connection



Support upto 256000bps SYNC DDN connection, higher throughput.  
Support V.35 interface for SYNC DDN NTU/DTU device connection.  
Support upto 230400bps ASYNC standard MODEM, good cost performance.

Support upto 115200bps ASYNC channel port, meet high speed terminal.  
Support upto 128000bps SYNC channel port. ATM & ROUTER in the same line.

Two Composite port can automatically backup your system.

# RMX 828 series Statistical Multiplexer Specification:

## System structure:

- \* RMUX828: 8 ASYNC port and 2 SYNC port over 2 composite port.
- \* COM1 can be assigned to V.35 or RS232 / V.24 interface.

## System processor:

- \* type: 80186 CPU.
- \* speed: 49.152MHz.

## System memory:

- \* Flash ROM: 128KByte.
- \* RAM: 512KByte.

## Composite port capability:

- \* Connector type: DB25 male connector.
- \* Interface: COM1: V.35 or RS232/V.24 selectable.  
COM2: RS232/V.24
- \* Baud rate: COM1: SYNC mode upto 128000bps.  
(RMX828e model upto 256000bps).  
COM2: ASYNC mode upto 115200bps.  
(RMX828e model upto 230400bps).
- \* Flow control: RTS/CTS hardware handshake or none.

## ASYNC Channel port capability:

- \* Port number: 8 channel per box.
- \* Connector type: RJ45 connector.
- \* Baud rate: upto 57600bps.  
(Note: User can set any special baud rate larger than 50bps in setup).
- \* Data Format: 5,6,7,8 bits.
- \* Parity check: none, even parity, odd parity.
- \* Number of stop bit: 1bit or 2 bit.
- \* Flow control: none  
RTS/CTS hardware handshake,  
XON/XOFF software handshake,  
XON/XANY software handshake.

## SYNC Channel port capability:

- \* Port number: 2 channel per box.
- \* Connector type: DB25 female connector.
- \* Baud rate: upto 64000bps.(RMX828e model upto 128000bps).
- \* Protocol: HDLC type.

## Dimension:

- \* RMX828 box: 29.8\*13.5\*5.5 (cm).

## Environment:

- \* operating temperature: 5~40°C
- \* operating humidity: 10%~90%RH
- \* storage temperature: 0~65°C
- \* storage humidity: 5%~90% RH

## Power requirement:

- \* AC input: 100 to 240 VAC.
- \* DC input: -40 to -56 VDC.
- \* power consumption: 10W.

## Other relative products:

- \* RMX640 / RMX680 multiplexer: support four / eight channel port in one box.
- \* GTS586 terminal server: support 16 serial port and one printer port, support 10Base5, 10Base2, 10baseT LAN connection.

- \* All names are the trademarks of their respective organizations.

