

RMX600L series DDN-MUX

Statistical Multiplexer with 14400bps
MODEM

DDN NTU/DTU Connection

Leased Line Connection

Dialup Line Connection

128000bps SYNC connection

115200bps ASYNC connection

38400bps terminal connection



- Support upto 128000bps high speed SYNC DDN connection in COM2 port.
- Support upto 115200bps ASYNC standard MODEM in COM2 port.
- Support V.35 interface for DDN DTU/NTU device connection.
- Support upto 38400bps ASYNC channel port. meet high speed terminal.
- Built-in MODEM can be used as master connection or backup connection.
- Built-in V.32bis MODEM support upto 57600bps throughput for backup.
- Built-in MODEM can support dial-up line or leased line and backup automatically.
- 4 port and 8 port models available. meet different requirement.

RMX600L series DDN-MUX Specification:

System structure:

- * RMX640L: 4 channel port over 2 composite port.
- * RMX680L: 8 channel port over 2 composite port.
- * RMX640L-V35: 4 channel port over 2 composite port with V.35 interface.
- * RMX680L-V35: 8 channel port over 2 composite port with V.35 interface.
- ** Built-in MODEM port in RMX640L/680L can be used as backup port or master port.
- ** For V.35 version only COM2 to be V.35 interface.

System processor:

- * type: 80182 CPU.
- * speed: 32MHz.

System memory

- * ERROM: 64KByte. (upto 128KByte)
- * RAM: 64KByte.

Internal MODEM port capability:

- * Connector type: RJ12 connector for telephone set, dialup line and leased line input.
- * Data rate: 1200, 2400, 4800, 9600, 14400, 19200, 28800, 38400, 57600bps.
- * Flow control: RTS/CTS hardware handshake or none.
- * Support V.32bis, V.32, V.22bis, V.22, V.21, Bell 212A and Bell 103 MOde.
- * Support V.42 and MNP2-4 error correction mode.
- * Support V.42 bis and MNP5 data compression mode.

External Composite port capability:

- * Connector type: DB25 male connector.
- * Interface:
RMX600L: RS232C compatible.
RMX600L-V35: V.35 compatible.

Baud rate:

- ASYNC mode: 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200bps.
- SYNC mode: 9600, 19200, 28800, 33600, 38400, 57600, 64000, 128000bps.

- * Flow control: RTS/CTS hardware handshake or none.

Channel port capability:

- * Connector type: DB25 female connector.
- * Baud rate: 110, 300, 1200, 2400, 4800, 9600, 19200, 38400bps.
- * Data format: 5, 6, 7, 8 bits.
- * Parity check: none, even parity, odd parity.
- * Number of stop bit: 1 bit or 2 bit.
- * Flow control: none
RTS/CTS hardware handshake.
XON/XOFF software handshake.
XON/XANY software handshake.
XON/XOFF transparent handshake.

Dimension:

- * RMX600L box: 29.8 X 13.5 X 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 with extra composite port for backup.
 - * RMX102 building MUX: eight port multiplexer. support eight Async devices over one four wire cable. transparent to system. Don't need any setup or software issue.
 - * GTS586 terminal server: support 16 serial port and one printer port. support 10Base5, 10Base2, 10BaseT LAN connection.
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