SM-2701C Advanced Copper *Link Protector*®

Network Protection Chassis

AVAILABLE PORT CARDS:

SM-2701C: Advanced 1G Copper

SM-2701F: Advanced 1G Fiber

SM-2701CF: Adv 1G Copper=>Fiber

SM-2701CS: Standard Copper

SM-2701FC: Adv Fiber=>Copper

SM-2701FE: Advanced 100BaseX

SM-2701IO: Contact Closure

SM-2701S: Advanced RS-530 Serial

SM-2701RF: RF Coaxial

SM-2701RS: Adv RS-232 Async

SM-2701F10G: 1/10G Fiber

SM-2801C: Adv Copper Bypass

SM-2801F: Adv Fiber SFP Bypass

SM-2801F10G: 1/10G Fiber Bypass

Telephone: 732-870-0800

Toll Free: 800-600-9656

Fax: 732-870-1912

Postal Address:

45 Memorial Parkway

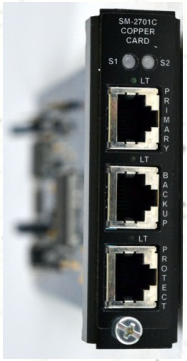
Long Branch, New Jersey 07740

USA

Support: support@shoremicro.com

Information: info@shoremicro.com

Sales: sales@shoremicro.com



PRODUCT DESCRIPTION:

Each SM-2701C copper port card provides three RJ45 jacks intended for connection to a primary, backup and a protected 10/100/1000BaseT Ethernet port. SM-2701C supports auto-MDIX operation which compensates for reversed wiring of network ports.

The SM-2701C detects link activity and an alarm is generated if any link fails. If the primary link is lost, the NPS will automatically switch to the backup link. By default, the switch is completed within 100 milliseconds after link problem is detected. Once the primary link is restored, the server port will revert to the primary link automatically. The link may also be forced to switch to the backup port manually.

KEY BENEFITS:

- Auto Switch to Backup on Loss of Connectivity
- Auto Switch to Primary on Restoration of Connectivity
- Default Connection to Primary Link on Loss of Power via *Straight through Wire*® Technology
- *Packet Spy*™ allows Switching to Backup on Loss of Traffic Flow
- External Watchdog trigger via SNMP
- Capability to Force Port to Backup Condition
- Enable/Disable of Automatic Switching (Manual Override)
- Copper Physical Layer – 10/100/1000Mb

FIRMWARE FEATURES:

Corporate System (Base):	Enterprise System:
Straight through Wire® Technology allows Zero Power Connectivity	All Corporate System Features
Normal Mode- Port Acts Independently	Mirror Mode - Cards Provide Dual Output
Group Mode- Ports Act as a Group	Slave Mode (Port)
Latch Mode- Stays in the Backup/Bypass state until Manual Restored	Slave Mode (Group)
Enhanced Latch Mode- Latch is Automatically Released on Failure of Backup Link	Fast End-to-End Switchover via Patented MAC Address Spoofing
Reverse Mode- Reversed Logic (Backup Ports are Default)	Total and Any Group Switch Modes
Packet Spy™- Backup Switchover Triggered by Lack of Packets on Active Link	External Watchdog Scripting
CRC Error Reporting	Turbo High Speed switching