

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:

The SM-2801C copper port card provides four 10/100/1000BaseT RJ-45 jacks intended for connection to a switch, router, and two appliance ports. The card is designed for bypass of failing Layer 2 bridged appliances.

In the normal (healthy) Online state, the SM-2801C connects the Switch (SW) and Appliance 2 (A2) interfaces and, at the same time, connects the Router (RT) and Appliance 1 (A1) interfaces. In the event of an appliance failure, the SM-2801C connects the SW and RT interfaces together while the A1 and A2 interfaces are disconnected thereby insuring overall end-to-end connectivity.

KEY BENEFITS:

- ◆ Auto Switch to Bypass on Loss of Connectivity and/or Appliance function
- ◆ Auto Switch to Online on Restoration of Connectivity and/or Appliance function
- ◆ Default Connection between SW and RT ports on Loss of Power via *Straight through Wire*[®] Technology
- ◆ *Packet Spy*[™] allows switching to Bypass on Loss of Traffic Flow through a failing appliance
- ◆ External Watchdog trigger via SNMP
- ◆ Capability to Force Port to Bypass Condition
- ◆ Enable/Disable of Automatic Switching (Manual Override)
- ◆ 1:3 Span Port Replication
- ◆ Copper Physical Layer – 10/100/1000Mb

FIRMWARE FEATURES:

Corporate System (Base):	Enterprise System:
<i>Straight through Wire</i> [®] Technology allows Zero Power Connectivity	All Corporate System Features
Normal Mode- Port Acts Independently	Span Port Mirroring
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
<i>Packet Spy</i> [™] - Backup Switchover Triggered by Lack of Packets on Active Link	External Watchdog Scripting
CRC Error Reporting	Turbo High Speed switching

