The TigerSwitch 10/100 features 48 10/100 ports + 4 gigabit ports. The gigabit ports are 2 x 1000Base-T and 2 x RJ-45/SFP combo ports. The switch 1RU high, carries a full range of advanced features including: QoS, VLAN support with GVRP, link aggregation, port mirroring, Spanning Tree support, and standard management interfaces.

### FEATURES

<table>
<thead>
<tr>
<th>High-port density and migration protection in a small footprint</th>
<th>Supports 48*10/100Mbps with 4 gigabit ports in an 1RU chassis</th>
</tr>
</thead>
<tbody>
<tr>
<td>QoS</td>
<td>Support four levels of priority, with weighted fair queuing and L2/3/4 IP precedence—ensures smooth transmission of mission critical data</td>
</tr>
<tr>
<td>VLAN with GVRP and 802.1s/v</td>
<td>Support VLANs based on frame tags or ports, plus support for automatic GVRP LAN registration spanning tree per VLAN—provides maximum security and bandwidth efficiency</td>
</tr>
<tr>
<td>IGMP Snooping</td>
<td>Only allows IP Multicast traffic transmission to the registered members, resulting bandwidth savings—reduce IP multicast traffic and increase LAN performance</td>
</tr>
<tr>
<td>MultiLink Trunking with LACP</td>
<td>Enables multiple physical links to be grouped together to provide a logical higher bandwidth link</td>
</tr>
<tr>
<td>Comprehensive security support</td>
<td>Currently supports RADIUS, IEEE802.1x, SSH, SSL, TACACS+, ACL</td>
</tr>
</tbody>
</table>
## Technical Specifications

### SMC6752AL2

#### Ports
- 48 10/100 Ports Auto-MDIX
- 2 Gigabit Copper Ports
- 2 Gigabit Combo (RJ-45/SFP) Ports

#### Optional Uplinks
- 2 1000BASE-T Ports
- 2 1000BASE-T/SFP Ports

#### 1000BASE-X
- 2 SFP

#### Switching Fabric Backplane
- 17.6 Gbps

#### Forwarding Rate
- 13.2 Mbps

#### Weight
- 6 lbs
- 2.7 Kg

#### Warranty
- Limited Lifetime

#### Dimensions
- 17.4 x 9.0 x 1.8 in
- 440 x 230 x 43 mm

#### MAC Address
- 8K

#### Buffer Size
- 4M

#### Bandwidth/Security Management
- Link Aggregation
- 4 sets
- 8 ports per trunk
- Multicast support
- IGMP snooping v1/v2
- VLAN (802.1Q VLAN tagging, GVRP VLAN reg.)
- 255 Port or protocol based
- IEEE802.1v (protocol based)
- Private VLANs
- QoS support
- 802.1p (four queues)
- Scheduling for priority queues
- Strict and WRR
- Random Early Detection
- DSCP based CoS
- TCP/UTP based CoS
- Broadcast storm
- Jumbo Packets
  - up to 9Kbytes
- RADIUS
- TACACS+
- IEEE802.1x
- IEEE802.1s (multiple STA)
- SSL
- MAC address filter
- SNMPv2
- ACL
- Rate Limiting
- DiffServ
- SNTP

#### Management
- CLI
- NMS
- EliteView
- Web-based

#### Compliances
- CE

#### Emissions
- FCC Class A
- Industry Canada Class A
- EN55022 (CISPR 22) Class A
- VCCI Class A

#### Safety
- CSA/NRTL (CSA 22.2.950 & UL 1950)
- EN60950 (TÜV/GS)

#### Optional Plug-in Transceivers

##### SMCBGSLCX1
- 1000BASE-SX
- LC Multimode fiber
- Range - 220m for 62.5/125m, 850nm
- Range - 550m for 50/125m, 850nm

##### SMCBGLLCX1
- 1000BASE-LX
- LC Singlemode fiber
- Range - 10Km for 9/125m, 1310nm

##### SMCBGZLCX1
- 1000BASE-ZX
- LC single mode fiber
- Range - 70 to 100Km for 9/125, 1310nm

#### Contact

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