

54 Ports Layer 3 Data Center Switch with 48x 1/10G SFP+ & 6x 40G QSFP+

Lightem LQT54-6QSFP+ 40G 10G data center switch. It provides 48x 10G SFP+ optical ports and 6x QSFP+ ports. Support OSI Layer 3 management features with high bandwidth and low latency, pipe network. It located in density of the next generation of data center and cloud computing network access, can also be used for large Internet cafes, the core of enterprise network, metropolitan area network,



FEATURES

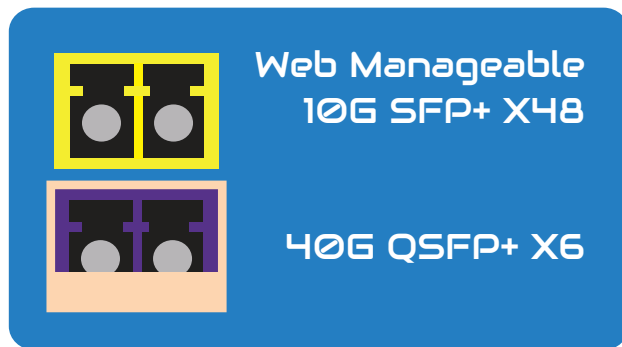
- 48x 1/10G SFP+ & 6x 40G QSFP+
- Max throughput 1.44Tbps
- Hardware routing, wire-speed 3rd layer switching packet forwarding
- Automatically detect and control broadcast storm, support IGMP packets detection, effectively limit the flooding of broadcast packets.
- Support Ethernet interface taking 1M as the step length for rate limiting
- Support IEEE802.1x, provide port-based user authentication, network shield, safety control, and policy control technology
- Restrict the maximum number of hosts connected with the port, multi-binding Ethernet interface , increasing bandwidth and system redundancy

SPECIFICATIONS

54 Ports Layer 3 Data Center Switch with 48x 1/10G SFP+ & 6x 40G QSFP+ ports	
Basic Characteristics	
Fixed Port	48*10G + 6*40G
Console Port	1
Throughout	1.44Tbps
Packet Forwarding Rate	1200Mpps
Forwarding Technology	Store and Forward/ Cut-Through
Latency	612ns
CPU	PowerPC P1010
Memory Capacity	2GB
Flash Memory Capacity	2GB
Packet Buffer	9MB
Jumbo Frames	9.6k bytes
Max. VLANs	4096
Max. MAC	128K
Multicast	8K
MTBF (hr)	97210
Soft Specification	
IP Base	L2 Switching/ VLAN/ Vlan Classification
	Static Link Aggregation/ LACP, STP&RSTP&MSTP/ Smart Link/ MLAG
	IGMP Snooping v1&v2&v3
	Static IPv4 Routing/ RIPv1&v2/ VRRP
	ACL, QoS

	NVGRE/ VXLAN/ GENEVE
	Storm Control/ Port Security/ DHCP Snooping/ IP Source Guard/
	ARP Inspection/ CPU Storm Protection/ 802.1x/ Radius
<i>IP Services</i>	Telnet/ TFTP/ NTP/ SSH/ DNS/ SNMPv1&v2&v3/ RMON/ Port&Vlan Mirror/ sFlow
	IP Base +
	OSPF/BGP/Route Map/PBR/ VRF/ BFD for Static Route&OSPF
	IGMP v1&v2&v3/PIM-SM&SSM
<i>Physical Characteristics</i>	
<i>Dimension</i>	440 x 436 x 400mm
<i>Weight (with power module)</i>	8.7kg
<i>Power Supply</i>	Dual AC110-220V power supplies
<i>Power Loading</i>	130W/170W
<i>Operating temperature</i>	0 to 45°C (long term) - 10 to 50°C (short term)
<i>Operating humidity</i>	0 to 95% (non condensing)
<i>Storage temperature</i>	-40°C to 70°C
<i>Noise</i>	ISO 7779 < 50db

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

PN	DESCRIPTION
LQT54-6QSFP+	54 Ports Layer 3 Data Center Switch with 48x 1/10G SFP+ & 6x 40G QSFP+ ports