

14ports Layer 2 Data Center Switch with 12x 1/10G RJ45 & 2x 10G SFP+ ports

Lightem LTG14-2SFP+ 10 Gigabit data center switch. It provides 12x 1/10G RJ45 ports & 2x 10G SFP+ optical ports. 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, or gathering.



FEATURES

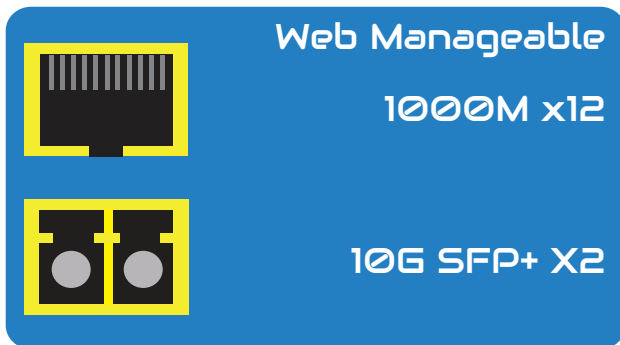
- 280G backplane bandwidth
- 12x 1/10G RJ45 & 2x 10G SFP+ ports, the highest density (1U TOR), meet the demand of high-density 10G server access
- Hardware routing, the packet forwarding rate of the wire speed layer 3 switching has reached 267.84Mpps, L2 / L3 full speed forwarding
- Management support with Web,SNMP and Telnet
- Support XModem protocol,use TFTP/ZMODEM to software upgrading and BootRom upgrading
- Support SFP+, also backwards compatible XFP
- Support 10G Base-T,be compatible with 1000M/100M Base-T.Max forwarding distance can reach 100M with Cat6

SPECIFICATIONS

14 ports Layer2 Data Center Switch with 12x 1/10G RJ45 ports & 2x SFP+ ports	
Number of RJ45 (1/10G)	12
Number of Optical ports (SFP+ 10G)	2
Console port	1
Backplane bandwidth	280Gbps
Packet forwarding rate	267.84Mbps
Jumbo Frames	1522 byte
Transfer Mode	Support store-forward mode and cut-through mode
Packet Buffer	2MB
Flash memory capacity	16Mb
Memory capacity	512M DDR3 SD Ram
CPU	600 MHz ARM Cortex-A9 single-core processor
Security Feature	P+MAC+PORT+VLAN binding
	ARP inspection
	DOS prevention
	Port protection
	IP source port protection
VLAN	Port-based VLAN; 802.1Q VLAN
	IP based VLAN; MAC based VLAN
MAC Address table	Static MAC address table
	Dynamic MAC address table
Storm Control	Broadcast suppression
	Multicast suppression
	DLF suppression
	Limiting rate

<i>Flow control</i>	Half-duplex control based on the back pressure type
	Full-duplex control based on the PAUSE frame
<i>Port mirroring</i>	Support port mirroring
<i>Port Management</i>	General setting; Port counting; Configuring port; Port trunking; Port-isolation
<i>Quality of service</i>	IEEE 802.1Q Congestion mechanism
	Each port has 8 transmitting queues mapping 802.1p 8 priority
<i>IP Services</i>	Ping detection; DHCP Snooping
	MSTP(802.1s), STP, RSTP
<i>Spanning Tree</i>	IGMP Snooping multicasting packets detection
<i>Multicast Management</i>	Support SNMP v1/v2
<i>System Management</i>	Support Console
	Support TELNET
	Support WEB interface
<i>Remote Upgrading</i>	Support version upgrading via web
	Support version upgrading via local
<i>Physical Characteristics</i>	
<i>Dimension</i>	440x284x44mm
<i>Power supply</i>	AC 90V ~ 290V 50~60Hz, <100W
<i>Operating temperature</i>	0-50°C operation
<i>Operating humidity</i>	0-90% no condensation

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

PN	DESCRIPTION
LT14-2SFP+	14 ports Layer 2 Data Ceter Switch with 12x 1/10G RJ45 & 2x 10G SFP+ ports