

Functions and Parameters		5250-28TC	5250-52TC	5250-28SM	5250-52PM
Interfaces	Fixed GE RJ45	24	48	-	48(Support POE+)
	Fixed GE Optical	2	2	24	-
	GE Combo Interfaces	2	2		-
	Expansion slot	-	-	1	1
	Type of Expansion Card	-	-	-	4*10GE Optical
		-	-	4*GE RJ45	4*GE RJ45
		-	-	4*GE Optical	4*GE Optical
Basic Parameters	Switching Capacity	56Gbps	104Gbps	56Gbps	176Gbps
	Packet Forwarding Rate	42Mpps	78Mpps	42Mpps	132Mpps
	MAC table Depth	16K			
Functionalities	L2 Functionalities	IEEE 802.3, IEEE 802.3u,IEEE 802.3z, IEEE 802.3x, STP, MSTP/RSTP, VLAN, QinQ, Selective QinQ,PVLAN,VLAN Translation			
	L3 Functionalities	Static Route			
	Multicast	IGMP Snooping and Filter, Proxy and Fast Leave;			
	QOS	Qos scheduling based on 802.1p(inner, outer layer)IP DSCP; Congestion avoidance, traffic shaping; Queue scheduling based on PQ,WFQ,LLQ or CBWFQ; Tail Drop			
	Security	CPU attack prevention, CPU overload protection; STP Root Guard, BPDU attack prevention, ARP attack prevention; IP source Guard, DAI; DHCP snooping, DHCP option82, 802.1x			
	Reliability	LACP ,ZESS ,ZESR, Support power supply redundancy and fan unit Redundancy			
	Enhanced Features	EEE,M-BUTTON, Zero-configuration, Smart Vlan			
Equipment Management	Local management	RS232			
	Management Pattern	Local Command(CLI),Remote Telnet, Standard SNMP, NetNumen U31, Cluster management(ZGMP),SSHv2.0,Local and Remote Authentication of User			
Physical Parameters	Height	1RU	1RU	1RU	1RU
	Dimensions (H*W*D)mm	43.6*442*220	43.6*442*220	43.6*442*220	43.6*442*440
	Maximum Weight	<2.9kg	<3.0kg	<4.0kg	<7.5kg
Power supply	DC power supply	-48V;	-48V;	-48V;	-52V
	AC power supply	100V~240V,	100V~240V,	100V~240V,	100V~240V,
		50Hz~60Hz;	50Hz~60Hz;	50Hz~60Hz;	50Hz~60Hz;
	Maximum power consumption	27W	53W	39W	Total power consumption: 1020W (PoE output :840W; Base system :180W;)
	Power redundancy pattern	Support RPS	Support RPS	Dual power supply	Dual power supply
Working Environment	Heat dissipation pattern	Fan cooling	Fan cooling	Fan cooling	Fan cooling
	Heat emission (BTU/h)	76	148	109	504
	Working temperature, humidity	Long term working temperature: -5℃~+50℃; humidity: 10%~90% Short Term working Temperature:-5℃~+55℃;			
	Working altitude	3000m			
	Reliability	MTBF/MTTR :100000 h/ 30m			