

Ethernet Basic		
Jumbo Frame	Maximum jumbo frame size	9600
		Default profile: 98304 Extended-buffer: 12288
Unicast MAC	MAC address capacity	IPV6 profile: 98304 Layer3 profile: 98304 MPLS profile: 98304
	MAC learning rate (SW)	> 4000pps
	MAC learning rate (HW)	> 10Gbps
	Blackhole MAC address capacity	128
Multicast MAC	MAC address capacity	Default profile: 2048 Extended-buffer: 1024 IPV6 profile: 1024 Layer3 profile: 1024 MPLS profile: 2048
VLAN	VLAN IDs	4094
	VLAN instances	4094
	VLANs to enable statistics	256
VLAN Mapping	Maximum mapping table	64
	Maximum rules number	1024
EVC	Maximum EVC number	4094
Link Aggregation (Static & LACP)	Maximum member number per group	No limitation
	Maximum Group Num	64
	Load balance key mode	Static/Dlb/RR/Resilient/Selfhealing
	Convergence time	< 50ms
	Maximum rule number	4096
VLAN Classification	Maximum group number	1
	Base MAC capacity	512
	Base IPv4 capacity	448
	Base IPv6 capacity	32
	Base protocol capacity	7
Ethernet Ring Protection		
STP	Convergence time	< 30s
RSTP	Convergence time	< 1s
MSTP	Instance number	64
	Convergence time	< 1s
ERPS	Domain number	16
	Ring number	1 Primary ring/domain 2 Sub ring/domain
	Protection instance number per Ring	64
	Switchover time	< 50 ms
Ethernet OAM		
(802.1ag) CFM	Maximum session number	1024
	Maximum domain number	8
	CCM interval types	7
	CCM minimum interval	3.3ms
	Maximum down MEP number	1024
	Maximum up MEP number	1024
	Maximum LMEP number	1024
IPv4 Unicast		
ARP	ARP capacity	Default profile: 12288 Extended-buffer: 4096 IPV6 profile: 6144 Layer3 profile: 16384 MPLS profile: 12288
IPv4	FIB	Default profile: 57344 Extended-buffer: 28672 IPV6 profile: 12288 Layer3 profile: 57344 MPLS profile: 57344
ECMP	ECMP ECMP group	240 (Share with IPv6)
PBR	Policy route map	64
OSPF	Policy based routing ACE	256
	Maximum static neighbors	256
	Maximum summary address	2048

IPv4 Multicast			
IPMC	Multicast routing table	Default profile: 2048	
		Extended-buffer: 512	
		IPv6 profile: 1024	
		Layer3 profile: 2048	
		MPLS profile: 1024	
	Multicast routing downstream interfaces	Default profile: 4096	
		Extended-buffer: 2048	
		IPv6 profile: 2048	
Layer3 profile: 5120			
IGMP Snooping	Maximum groups number	2048	
	Maximum member number	N/A	
MVR	Maximum group number	Default profile: 2048	
		Extended-buffer: 2048 (Share with IPv6)	
		IPv6 profile: 1024	
		Layer3 Profile: 2048	
	Maximum member number	MPLS profile: 1024	
4096			
IPv6 Unicast			
Host Route	NDP capacity	Default profile: 2048	
		Extended-buffer: 1024	
		IPv6 profile: 4096	
		Layer3 profile: 0	
IPv6	FIBv6	MPLS profile: 2048	
		Default profile: 4096	
		Extended-buffer: 1024	
		IPv6 profile: 6144	
	ECMP group	Layer3 profile: 0	
MPLS profile: 1024			
240 (share with IPv4)			
	IPv6 Multicast		
IPMC	Multicast routing table	Default profile: 256	
		Extended-buffer: 256	
		IPv6 profile: 512	
		Layer3 profile: 0	
		MPLS profile: 0	
	Number of interfaces that support Multicast routing table	Default profile: 512	
		Extended-buffer: 1536	
		IPv6 profile: 1024	
Layer3 profile: 0			
MVR V6	Maximum entry number	MPLS profile: 0	
		Default profile: 256	
		Extended-buffer: 2048 (Share with IPv4)	
		IPv6 profile: 512	
	Maximum member number	Layer3 profile: 0	
MPLS profile: 0			
Default profile: 512			
Extended-buffer: 4096			
IPv6 profile: 1024	Layer3 profile: 0		
	MPLS profile: 0		
	IPv6 Multicast		
	IP Tunnel	Tunnel peer capacity	8
QoS			
Per-port Number	Queue	Unicast queue	
		Multicast queue	
		Monitor queue	
Packet Buffer	System packet buffer capacity	Default profile: 4.5MByte	
		Extended-buffer: 9MByte	
		IPv6 profile: 4.5MByte	
		Layer3 profile: 4.5MByte	
		MPLS profile: 4.5MByte	

Granularity	Policer granularity	0~2M: 10K	
		2M~100M: 40K	
		100M~1G: 80K	
		1G~2G: 120K	
		2G~4G: 250K	
	Queue shape granularity	4G~10G: 500K	
	Port shape granularity	10k	
Flow Entry	Ingress port QoS ipv4 flow entries	1532	
	Ingress port QoS ipv6 flow entries	1532	
	Ingress port QoS flow statistics entries	511	
ACL			
MAC ACL	Ingress port ACL for MAC	Default profile: 2926	
		Extended-buffer: 2926	
		IPv6 profile: 2926	
		Layer3 profile: 2976	
	Ingress VLAN ACL for MAC	MPLS profile: 2976	
		Default profile: 2926	
		Extended-buffer: 2926	
		IPv6 profile: 2926	
	Ingress VLAN ACL for MAC	Layer3 profile: 2976	
		MPLS profile: 2976	
		Egress port ACL for MAC	Default profile: 878
			Extended-buffer: 878
	IPv6 profile: 878		
	Layer3 profile: 928		
	Egress VLAN ACL for MAC	MPLS profile: 928	
		Default profile: 878	
Extended-buffer: 878			
IPv6 profile: 878			
ACL IPv4	Ingress Port ACL for IPv4	Layer3 profile: 928	
		MPLS profile: 928	
		Default profile: 2926	
		Extended-buffer: 2926	
	Ingress VLAN ACL for IPv4	IPv6 profile: 2926	
		Layer3 profile: 2976	
		MPLS profile: 2976	
		Default profile: 878	
	Egress Port ACL for IPv4	Extended-buffer: 878	
		IPv6 profile: 878	
		Layer3 profile: 928	
		MPLS profile: 928	
	IPv4 ACL Egress VLAN ACL for IPv4	Default profile: 878	
		Extended-buffer: 878	
		IPv6 profile: 878	
		Layer3 profile: 928	
ACL IPv6	Ingress Port ACL for IPv6	MPLS profile: 928	
		Default profile: 2926	
		Extended-buffer: 2926	
		IPv6 profile: 2926	
	Ingress VLAN ACL for IPv6	Layer3 profile: 2976	
		MPLS profile: 2976	
		Default profile: 2926	
		Extended-buffer: 2926	
		IPv6 profile: 2926	
		Layer3 profile: 2976	

ACL IPv6	Egress Port ACL for IPv6	Default profile: 878
		Extended-buffer: 878
		IPv6 profile: 878
		Layer3 profile: 928
		MPLS profile: 928
ACL IPv6	Egress VLAN ACL for IPv6	Default profile: 878
		Extended-buffer: 878
		IPv6 profile: 878
		Layer3 profile: 928
		MPLS profile: 928
ACL Flow Statistics	Ingress ACL flow statistics entries	1022
	Egress ACL flow statistics entries	511
CoPP	CoPP rules	249
	CoPP flow statistics entries	249
UDF	UDF rules	256
	UDF flow stats entries	128
Security		
IP Source Guard	IPv4 maximum rules number	768
	IPv6 maximum rules number	64
802.1x Base MAC	Maximum entries	Default profile: 512
		Extended-buffer: 256
		IPv6 profile: 256
		Layer3 profile: 256
		MPLS profile: 512
DHCP Snooping	Maximum bound entry	4096
IPFIX		
IPFIX	IPFIX member	4096
Reliability		
BFD	Maximum session number	Share 128
S-BFD	Maximum session number	Share 128
VRRP	Maximum group number	63
Smart Link	Maximum group number	16
	Maximum instance number	64
	Switchover time	<50ms
Monitor Link	Maximum group number	16
	Maximum up-link number per group	24
Data center		
VARP	Virtual IP Num per Port	15
VXLAN	VXLAN tunnel	Default profile: 6144
		Extended-buffer: 6144
		IPv6 profile: 6144
		Layer3 profile: 6144
		MPLS profile: 2040
VXLAN	VNI	Default profile: 2000
		Extended-buffer: 2000
		IPv6 profile: 2000
		Layer3 profile: 2000
		MPLS profile: 1000
VXLAN	VTEP Peer	Default profile: 2048
		Extended-buffer: 2048
		IPv6 profile: 2048
		Layer3 profile: 2048
		MPLS profile: 256