

H3C Technology Co., Limited

H3C S7500E Series

High-End Multi-Service Routing Switch

Switch Certification



H3C S7500E Series

High-End Multi-Service Routing Switches

Product Name	TV URL	Product Description
H3C S7502E	http://www.tolly.com/TVDetail.aspx?ProductID=304	2 slots for Fast Ethernet, GbE, 10GbE interfaces and other service modules, switch and route processing modules redundancy
H3C S7503E	http://www.tolly.com/TVDetail.aspx?ProductID=305	3 slots for Fast Ethernet, GbE, 10GbE interfaces and other service modules, switch and route processing modules redundancy
H3C S7506E	http://www.tolly.com/TVDetail.aspx?ProductID=307	6 slots for Fast Ethernet, GbE, 10GbE interfaces and other service modules, switch and route processing modules redundancy
H3C S7506E-V	http://www.tolly.com/TVDetail.aspx?ProductID=308	6 vertical slots for Fast Ethernet, GbE, 10GbE interfaces and other service modules, switch and route processing modules redundancy
H3C S7510E	http://www.tolly.com/TVDetail.aspx?ProductID=306	10 slots for Fast Ethernet, GbE, 10GbE interface and other service modules, switch and route processing modules redundancy

Source: The Tolly Group, August 2007

Figure 1

For additional details on any of the H3C S7500E series certifications, go to:

<http://www.tolly.com/TVDetail.aspx?ProductID=308>



Tolly Verified Certifications for H3C S7500E Series

Cert. Number	Certification Name	Cert. Number	Certification Name
10503	Jumbo Frame Support - 9K Byte Frames	10913	MPLS L3 VPN
10511	Manual Link Aggregation	10915	MPLS VLL-Martini
10515	Port Mirroring	10922	PBR
10529	VLAN ACL	10923	URPF
10553	L3 Wire Speed Gigabit Ethernet – 96 Ports (Tested on H3C S7506E)	10924	Device Link Detection Protocol (DLDP)
10559	User Authentication via IEEE 802.1X	10929	Voice VLAN
10564	VRRP	10933	DHCP Snooping Trust Port
10571	Radius	10935	MAC Database Maximum Capacity (128K)
10573	Power Over Ethernet Support	10935	Rapid Ring Protection Protocol (RRPP)
10744	Link Aggregation (IEEE 802.3ad) - Across modules	10937	DHCP Client
10786	IGMPv1 Snooping	10981	RIPng
10821	RIP-1	10982	OSPFv3
10822	RIP-2	10984	IS-ISv6
10823	OSPF	10985	MLDv2
10824	BGPv4 – Routing Protocol	10986	IPv6 to IPv4 (Auto/Manual) Tunnel
10826	PIM-SM	10987	ISATAP Tunnel
10827	PIM-DM	10990	1000 Multicast Groups
10838	DHCP Server	10991	PIM-SSM
10839	Layer 2 Broadcast / Multicast / Unicast Storm Control	10997	IPv6 – Static Route
10848	QoS Control: WRR Scheduling Algorithm	10998	MLDv1 Snooping
10849	QoS Control: SP Scheduling Algorithm	11018	IGMPv3
10864	4K VLANs	11021	L2 Wire Speed Gigabit Ethernet – 96 Ports (H3C S7506E)
10865	Super VLAN Support	11021	L2 Wire Speed 10GbE – 4 Ports (H3C S7506E)
10868	Protocol-based VLAN Support	11022	L3 Wire Speed 10GbE - 4 Ports (H3C S7506E)
10870	Private VLAN Support	11023	IPv6 - L3 Wire Speed Gigabit Ethernet – 96 Ports (H3C S7506E)
10876	Traffic Mirroring	11024	IPv6 – L3 Wire Speed 10GbE - 4 Ports (H3C S7506E)
10878	STP	11027	MLDv1
10879	RSTP	11081	MAC-based VLAN Support
10880	MSTP	11082	RSPAN
10882	Selective QinQ	11083	1:1 VLAN Mapping
10883	Static Route	11084	IPv6 – PBR
10886	IS-IS	11085	128K IP Routes Table
10891	DHCP Relay	11086	IPv6 – 64K Routing Table
10893	NTP	11087	Authentication Portal
10895	SSH 2.0	11088	IPv6 – ACL
10896	HWTACACS	11089	IGMPv2 Snooping
10897	ACL	11090	IGMPv3 Snooping
10899	DHCP Security	11091	Anycast RP
10900	QoS: CAR for GbE port (64Kbps)	11092	Smart Link
10902	QoS Control: SP + WRR Scheduling Algorithms	11093	EPON Forwarding
10903	Replacing DSCP and 802.1p Preference Values of Packets	11094	Multicast Replicator Capability, (300 VLANs/GbE, total 12 GbE ports)
10905	IGMP v1	11095	MLDv2 Snooping
10906	IGMP v2	11096	IPv6 PIM-SM
10909	MSDP	11097	IPv6 PIM-DM
10911	MBGP	11098	IPv6 PIM-SSM

Source: The Tolly Group, August 2007

Figure 2