

Allied Telesyn Challenges for Larger Share of Gigabit Multi-Layer Switch Market

AT-9900 switch series offers advanced, affordable solution for network aggregation tier or server, and IP storage farms

Allied Telesyn International (Australia), provider of refined end-to-end networking technologies, has added the 9900 series of 10/100/1000T switches to its broad Multi-Layer switch line-up. With its enhanced feature set and hardware redundancy, the 9900 series is designed to meet the needs of network administrators seeking an advanced and more affordable Multi-Layer switch solution for network aggregation tier or server and IP storage farms.

This product line has been designed from the start to compete aggressively with products from the leading vendors, without compromising on hardware and software functionality, said Mark Jackson, Managing Director of Allied Telesyn (Australia). With its rich feature set, advanced per flow QoS functionality and hardware redundancy, the 9900 series is a tough act to beat.

All models in the 9900 series are in a 1RU form factor with front-to-back cooling, environmentally controlled fans, and dual, hot-swappable, load-sharing internal PSU modules (AC and DC versions). LEDs on the front and back panels indicate if these components are inoperable or missing. A front-mounted out-of-band network and serial management port offers flexible configuration and recovery options in case the primary network is unreachable. And a web-based management interface is available through the regular switch ports.

9900 series switches are ideal for users planning a migration from IPv4 to IPv6. They are IPv6 capable out-of-the-box, and an optional IPv6 accelerator card is also available. Spurred on by the hot IPv6 network market in Europe and Japan, the 9900s are among the first non-chassis switches available that provide hardware-based IPv6.

The IPv6 support capabilities of the 9900 series perform equally well with IPv4. Layer 3 capabilities include RIP (Routing Information Protocol), OSPF (Open Shortest Path First), IGMP (Internet Group Management Protocol) and DVMRP (Distance Vector Multicast Routing Protocol). The units also support VRRP (Virtual Router Redundancy Protocol) to synchronize routing tables of multiple devices. BGP (Border Gateway Protocol) is also supported.

The 9900 series offers 4,096 distinct VLANs (virtual LANs) and VLAN double tagging (QnQ) in addition to 8 service queues per port. For added security, the 9900 series supports 1,024 ACLs (Access Control Lists), which can be bound to Link Aggregation Groups, VLANs or individual ports. Sophisticated per flow QoS capabilities are a key component of the 9900s advanced feature set. These capabilities include dual-rate, fine-granularity bandwidth metering per traffic class; three-colour bandwidth conformance class distribution; and pre and post remarking of DSCP, VLAN Tag User Priority, Bandwidth Class, and Egress Queue. They also support queue shaping with RED or simple tail drop, weighted round robin and strict priority scheduling and egress limiting (64k on 10/100, 640k on 10/100/1000).

With the availability of the 9900 series, Allied Telesyn is now shipping three families of standalone, 1RU high 10/100/1000 switches the unmanaged desktop GS900 series, the workgroup and departmental 9400 Layer 2+ series, and the new 9900 Layer 3 series for core and server farm aggregation.

Pricing and Availability

With a starting price of AUD\$4500 ex. GST, there are two models in the 9900 series that are currently available

The AT-9924T is a 24-port 10/100/1000T switch with four additional small form factor pluggable (SFP) ports for fiber Gigabit Ethernet connections.

The AT-9924SP is a 24-port 1000Base-X SFP Modular switch.

Government and education pricing is available. Dealers should contact Allied Telesyn distributor partners. For more information please go to www.alliedtelesyn.com.au or call 1800 000 880.

About Allied Telesyn International

Allied Telesyn International, provider of refined end to end networking technologies, was founded in 1987. The companys complete range includes routers, network extenders, media converters, switches, wireless, transceivers, LAN, adapter cards, network software, and hubs. Allied Telesyn International has its main offices in Tokyo, Bothell (USA), and Chiasso (Switzerland) with over 2,000 employees worldwide. The companys Australian division was established in Sydney in 1996. For more information go to: www.alliedtelesyn.com.au