

CISCO CATALYST 6500 SERIES APPLICATION-ORIENTED NETWORKING MODULE

PRODUCT OVERVIEW

The Cisco® Catalyst® 6500 Series Application-Oriented Networking Module (Figure 1) is a service module for Cisco Catalyst 6500 Series switches. It is part of a new class of Cisco Application-Oriented Networking (AON) products that provide an essential point of convergence between today's intelligent networks and applications based on highly distributed, service-oriented, and traditional architectures. Cisco AON technology embeds a new class of application intelligence into the network to better meet the underlying needs of applications for real-time visibility, security, event-driven messaging, optimized delivery, and other core integration and deployment services.

See the Cisco AON main overview data sheet for details at <http://www.cisco.com/go/aon>.

The Cisco AON solution is an important component of the Cisco Catalyst 6500 Series multi-service switch, which delivers innovative secure, converged services from the wiring closet to the core to the data center to the WAN edge.

Figure 1. Cisco Application Oriented Networking Service Module



Cisco AON's state-of-the-art design incorporates hardware and software components pre-integrated into a complete subsystem that can be flexibly deployed in enterprise data centers, service provider networks, or other scenarios as an embedded network function. Included with Cisco AON are software tools for managing and provisioning Cisco AON nodes, as well as for designing application policies using a library of "bladelets" that can be configured in different sequences as required. Cisco AON also includes a software development kit and API for flexible extension to any custom environment, operation, or format.

The Cisco AON module can be installed in any Cisco Catalyst 6500 Series switch (Figure 2) to take full advantage of the switch's high availability, security, and traffic-management capabilities. The Cisco AON module provides operational consistency and reduces total cost of ownership by consolidating elements of network and application infrastructures and providing centralized management capabilities.

Figure 2. Cisco Catalyst 6500 Series Switches



Tables 1 and 2 provide specifications and parts numbers for ordering.

Table 1. Product Specifications

Feature	Benefit
Hardware	Dual-processor architecture with hardware acceleration for XML and cryptography operations. Onboard RAM (4 GB) and hard disk drive (40 GB)
Software	Embedded Cisco AON Software v1.0
Platform Compatibility	Single slot in any Cisco Catalyst 6500 Series chassis; supports both fabric and data bus-based architectures
Scalability	Multiple modules may be deployed in the same chassis and managed as a single “virtual node”
Hardware/Software Compatibility	Supervisor Engine 720 running Cisco IOS® Software Release 12.2(18) SXE1 (minimum) in native mode, or Supervisor Engine 2 with Multilayer Switch Feature Card 2 (MSFC2) running Cisco Catalyst Operating System Release 8.4(2) (minimum) in hybrid mode
Physical Dimensions	(H x W x D): 1.6 x 15.3 x 16.3 in. (4.0 x 37.9 x 40.3 cm)
Power Consumption	4A (168W)
Approvals and Compliance	UL 1950; EN 60950; CSA-0C22.2 No.950; IEC 950; FCC 15J Class A (FCC Part 15 [CFR 47] Class A); ICES-003 Class A; VCCI CE II; CE mark; EN 55022 Class B; CISPR 22 Class B; EN 55024
Environmental Specifications	Operating temperature: 32–104F (0–40°C); Relative humidity: 10 to 90%, non-condensing

Table 2. Ordering Information

Part Number	Description
WS-SVC-AON-1-K9	Cisco Catalyst 6500 Series Application-Oriented Networking Module, embedded planning, design, and implementation (PDI) services
SC-SVC-AON-1.0-K9	Cisco AON Software v1.0 for Cisco Catalyst 6500 Series AON module

Note: The management components, Cisco AON Management Console and Cisco AON Design Studio, can be downloaded from the [Cisco Software Center](#).

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Cisco AON products are bundled with Cisco Advanced Services, which will accelerate your time to deployment and help ensure a quality, reliable implementation. For more information about Cisco Services, see [Cisco Technical Support Services](#) or [Cisco Advanced Services](#).

FOR MORE INFORMATION

For more information about Cisco AON technology and products, solutions and services, visit: <http://www.cisco.com/go/AON>



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