

## Cisco ASA 5585-X I/O Modules

PB711904

Cisco ASA 5585-X I/O Modules provide high interface-density to mission-critical data centers that require exceptional flexibility and security. With two 8-port 10 Gigabit Ethernet modules and one Security Services Processor (SSP)-40 or SSP-60 module, Cisco ASA 5585-X can support up to 20 10 Gigabit Ethernet ports in 2 rack unit (2RU) chassis. With two 20-port 1 Gigabit Ethernet modules and one SSP module, Cisco ASA 5585-X can support up to 50 1 Gigabit Ethernet ports in 2RU chassis.

The I/O modules go into the top slot of the Cisco ASA 5585-X chassis. The Cisco ASA 5585-X Divider divides the top slot into two half-slots, and each I/O module occupies one half-slot. All the ports on the 10 Gigabit Ethernet modules are dual Small Form-Factor Pluggable or Small Form-Factor Pluggable Plus (SFP/SFP+) ports that support both 1 Gigabit Ethernet SFPs and 10 Gigabit Ethernet SFP+ modules. The 1 Gigabit Ethernet module supports 8 10/100/1000 Base-T ports and 12 SFP ports for high-fiber density. Table 1 describes the different Cisco ASA 5585-X I/O Modules available.

**Table 1.** Cisco ASA 5585-X I/O Modules

| Product Description                                | Number of Ports |           |                          | Product ID         |
|----------------------------------------------------|-----------------|-----------|--------------------------|--------------------|
|                                                    | SFP/SFP+ Ports  | SFP ports | 10/100/1000 Base-T ports |                    |
| <b>Configuration Options</b>                       |                 |           |                          |                    |
| Cisco ASA 5585-X 8-port 10 Gigabit Ethernet Module | 8               | -         | -                        | ASA5585-NM-8-10GE  |
| Cisco ASA 5585-X 4-port 10 Gigabit Ethernet Module | 4               | -         | -                        | ASA5585-NM-4-10GE  |
| Cisco ASA 5585-X 20-port 1 Gigabit Ethernet Module | -               | 12        | 8                        | ASA5585-NM-20-1GE  |
| Cisco ASA 5585-X Slot Divider                      | -               | -         | -                        | ASA5585-SEPTUM     |
| Cisco ASA 5585-X Half-Slot Cover                   | -               | -         | -                        | ASA5585-BLANK-H    |
| <b>Spares</b>                                      |                 |           |                          |                    |
| Cisco ASA 5585-X 8-port 10 Gigabit Ethernet Module | 8               | -         | -                        | ASA5585-NM-8-10GE= |
| Cisco ASA 5585-X 4-port 10 Gigabit Ethernet Module | 4               | -         | -                        | ASA5585-NM-4-10GE= |
| Cisco ASA 5585-X 20-port 1 Gigabit Ethernet Module | -               | 12        | 8                        | ASA5585-NM-20-1GE= |
| Cisco ASA 5585-X Slot Divider                      | -               | -         | -                        | ASA5585-SEPTUM=    |
| Cisco ASA 5585-X Half-Slot Cover                   | -               | -         | -                        | ASA5585-BLANK-H=   |

When only one I/O module is installed in the top slot of the ASA 5585-X chassis, a half-slot blank cover is required to cover the empty half-slot. Minimum software required is Cisco ASA Software Version 8.4.4.

The Cisco ASA 5585-X IO modules are orderable and shipping.

Table 2 lists the 10 Gigabit Ethernet SFP+ and 1 Gigabit Ethernet SFPs that are supported.

**Table 2.** SFPs and SFP+ Modules Supported

|                               | Product ID       | Product Description                                    |
|-------------------------------|------------------|--------------------------------------------------------|
| <b>SFP+ Modules Supported</b> | SFP-10G-SR       | 10G SR SFP+ modules                                    |
|                               | SFP-10G-LRM      | 10G LRM SFP+ module                                    |
|                               | SFP-10G-LR       | 10G LR SFP+ module                                     |
|                               | SFP-10G-ER       | 10G ER SFP+ module                                     |
|                               | SFP-H10GB-CU1M   | 10G BASE-CU SFP+ cable 1 meter, passive                |
|                               | SFP-H10GB-CU3M   | 10G BASE-CU SFP+ cable 3 meter, passive                |
|                               | SFP-H10GB-CU5M   | 10G BASE-CU SFP+ cable 5 meter, passive                |
|                               | SFP-H10GB-ACU7M  | 10G BASE-CU SFP+ cable 7 meter, active                 |
|                               | SFP-H10GB-ACU10M | 10G BASE-CU SFP+ cable 10 meter, active                |
| <b>SFP Modules Supported</b>  | GLC-SX-MMD       | Cisco 1000 Base-SX SFP module, MMF, 850nm, DOM         |
|                               | GLC-LH-SMD       | Cisco 1000 Base-LX/LH SFP module, MMF/SMF, 1310nm, DOM |
|                               | GLC-T            | Cisco 1000 Base-T copper SFP                           |
|                               | GLC-ZX-SMD       | Cisco 1000 Base-EX SFP module, SMF, 1550nm, DOM        |
|                               | GLC-EX-SMD       | Cisco 1000 Base-ZX SFP module, SMF, 1310nm, DOM        |

### Additional Information

For more information, visit: <http://www.cisco.com/go/asa>



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