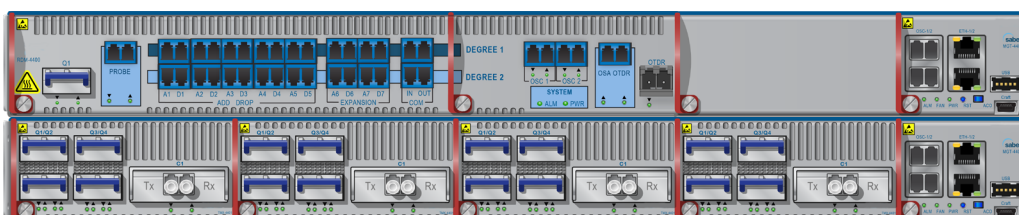# Saber 4400
## Modular Optical Platform

The Saber 4400 is a compact, hardened, modular Coherent Optical platform targeting the Access Edge/Metro Edge of the network.

## Features & Benefits

+ Compact, modular 1RU platform
+ Hardened, extended temperature range (ETR)
+ Hot swappable sleds for network L0 to L3 edge
+ applications
+ Hot swappable management module
+ Multiple units can be stacked as a single
+ network element with one management IP and
+ redundant management
+ GR-3108 OSP Class 2 compliant
+ Advanced timing options including integrated GPS
+ module for GrandMaster timing
+ Secure software management
+ Trusted protection module (TPM)
+ NETCONF/YANG
+ Integrated with Zhone Xtreme OEO/SDN-C
+ Graphical Shelf Manager (OSM-4400)

The SABER 4400 is a compact hardened, modular platform targeting the Access Edge/Metro Edge of the network. It has four universal slots that can hold one-slot, two-slot, three-slot, and four-slot sleds to address a diverse set of network edge application scenarios from Layer 0 to Layer 3. The Management card (MGT-4400) is removable and hot swappable. SABER 4400 shelves can be stacked to act as a single Network Element with one management IP address and redundant management. The SABER 4400 is a hardened solution that is GR-3108 OSP Class 2 compliant. The SABER 4400 can be managed with the embedded OSM-4400 GUI and integrates into the Zhone Xtreme Optical Edge Orchestration Platform.



**Saber 4400:**
Stackable chassis acts as a single NE

# Modular Optical Platform
# Saber 4400

## Product Specifications

| Specification | Description |
|---|---|
| Platform Dimensions | 44 X 440 X 275 mm (1.72 X 17.3 X 11 in.) |
| Security Features | Local, TACACS+, Radius, SSH, Trusted Protection Module |
| Sled Slots | Four sled slots per chassis |
| Management Support | Zhone Xtreme, OSM-4400, CLI, SNMP, NETCONF/YANG, GNMI |
| Integrated Fan Unit | Field replaceable, redundant |
| Power Supply | -48 DC, dual A/B |
| Operating Temperature | -40° to 65° C (-40° to 149° F) |
| Power Consumption | 400W maximum, populated power is sled and module dependent |
| Certifications | CSA/UL, NEBS L3, CE, GR-63-CORE, GR-3108-OSP Class 2 |

## Supported Sleds/Modules

| Supported Sled Family | Description |
|---|---|
| FOX-44XX | Flexible, optical X-connects and Add/Drop sleds |
| OFA-XXXX | EDFA amplifier sleds |
| PKT-44XX | L2/L3 switching/routing sleds |
| PPM-44XX | L0/L1 path protection modules |
| RDM-44XX | Expandable, multi-degree CDC-Flex ROADMs |
| TMX-44XX | Coherent 100G-400G Transponder and Muxponder sleds |

## Ordering Information

| Base DC Unit | Description |
|---|---|
| Saber 4400 bundle with MGT and FAN | 1017-5013<br>Saber 4400 chassis, MGT-4400, FAN-4400, 4 filler cards, power cable assembly |
| MGT-4400 | 1017-5035<br>MGT-4400, Field Replaceable, Hot Swappable, Integrated Management Module |
| FAN-4400 | 1017-5040<br>FAN-4400, Field Replaceable Fan Module |

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