Burkina Faso Price of 800G Optical Module QSFP-DD



Overview

Burkina Faso QSFP-DD Optical Module QSFP-DD QSFP-DD is a new module and cage/connector system similar to current QSFP, but with an additional row of contac.

Key Takeaways

The price of an 800G QSFP-DD optical module typically ranges from $7,000 to over $130,000 globally, depending on module type, reach, and vendor, with regional costs in Burkina Faso likely reflecting import and shipping fees.Global Pricing Overview

800G QSFP-DD modules are high-speed optical transceivers designed for hyperscale data centers, cloud providers, and telecom operators . Prices vary widely based on module type and transmission distance:

• Short-reach SR8 modules for in-rack or cross-row connections are generally the most affordable, priced around $7,000–$10,000 from reputable third-party vendors .

• Long-haul coherent ZR/ZR+ modules, capable of 120 km to over 1,000 km transmission, can exceed $130,000 for OEM products like Cisco 800G ZR/ZR+ modules .

• Third-party alternatives often offer cost savings of 20–50% compared to OEMs, depending on vendor and volume .
Factors Affecting Price in Burkina Faso

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While there is no direct Burkina Faso-specific pricing, several factors will influence the final cost:

• Import Duties and Taxes: Burkina Faso imposes import tariffs and VAT on electronics, which can add 10–20% to the base price.

• Shipping and Logistics: Modules are typically shipped from Europe, Asia, or North America, with freight costs depending on carrier and delivery speed.

• Vendor Availability: Local distributors may be limited, so buyers often rely on international suppliers like FS.com or Cisco, which may offer regional shipping options .

• Volume Discounts: Purchasing multiple modules can reduce per-unit cost, as many vendors provide tiered pricing .
Recommendations for Procurement
• Define Module Requirements: Determine whether short-reach SR8 or long-haul ZR/ZR+ modules are needed, as this will drastically affect cost.

• Compare OEM vs Third-Party: Third-party modules can provide significant savings without compromising performance for most data center applications.

• Request Quotes from Multiple Vendors: Contact international suppliers with Burkina Faso shipping options to get accurate landed costs.

• Consider Total Cost of Ownership (TCO): Include power consumption, maintenance, and potential replacement costs in budgeting . In summary, while global prices for 800G QSFP-DD modules range from $7,000 to $130,000+, buyers in Burkina Faso should expect additional costs for import, shipping, and local handling. Engaging with international distributors and clarifying module specifications will provide the most accurate pricing for procurement.

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