



Driven by
Experience™

Juniper Networks® ACX7000 line is designed to help operators achieve their capital, operational and user experience goals. It is designed to fulfill essential requirements of a next generation network element within an IP Service Fabric—the foundational underlay of a Cloud Metro architecture (juniper.net/cloud-metro). The ACX7100 offers industry leading power efficiency in a compact form factor delivering 4.8 Tbps of ASIC forwarding capacity, cloud-inspired native port speeds that include 400G quad small form-factor pluggable transceiver (QSFP56-DD) interfaces, and Media Access Control Security (MACsec) options—making it ideal for metro high-end aggregation, large enterprise, and top-of-rack, spine-leaf data center applications.

The ACX7100 line, powered by Junos Evolved, features two fixed, 1U configuration options, a version that is 100G optimized and the:

- **ACX7100-48L:** 48 ports, each configurable as native 10G (SFP+), 25G (SFP28), or 50G (SFP56), and 6 ports of 400G (QSFP56-DD), also including 400ZR support.



Juniper is showcasing the ACX7100-48L in the OIF PLL Interoperability demo at OFC'22 interconnecting with OIF member equipment over 400ZR and interconnecting the OIF interop demo with the Ethernet Alliance interop demo over 400ZR leveraging packet-optical convergence technology. Designed to address the accelerating requirement of traffic growth, latency-dependent applications, and cloud-inspired port rates, the ACX7100-48L delivers the service-aware features and capabilities required to facilitate experience-first networking in a single, converged, multiservice network. Breakout cables can be used to divide native 400G ports into 100G services and by simply replacing select pluggable transceiver, operators can achieve some of the most common migrations from 10G to 25G or 50G within the same fixed platform.

Learn more at: Juniper.net • Juniper.net/cloud-metro • Juniper.net/acx7100

