

# Avaya C460 Multilayer Modular Switch

The C460 can provide power to up to 196 IP phones.

The Avaya C460 features a compact modular six-slot chassis with the following main characteristics:

- Four I/O slots and two Supervisor slots
- Fully redundant architecture (including switching fabric, supervisor modules and PSUs)
- Power over Ethernet (PoE) support with the FE ports
- High density – up to 192 FE PoE ports and 48 GE ports
- Fabric switching throughput of 64Gbps at Layer 2 and 48Mpps routing at Layer 3
- Policy and QoS mechanisms
- Full router functionality
- Wire-speed Layer 3 forwarding on all ports
- Optimal use of physical chassis size (10U)
- 300W or 1000W (for PoE support) power supplies

The C460 full redundancy (supervisor and fabric, power supply, link and port interfaces, router processor, and fans), high port density and powerful Layer 2 and Layer 3 wire-speed switching engine make it suitable for robust network infrastructure. The C460 offers advanced management and monitoring capabilities using complete GUI tools, including the SMON and Any-layer SMON applications based on the Avaya Integrated Management suite.

C460's available I/O modules:

- 48 10/100 PoE port Inline Power module
- 48 10/100 PoE port Inline Power + 2 GBIC (SFP) Gigabit Ethernet port module
- 12 GBIC (SFP) ports Gigabit Ethernet module
- 48 10/100 port Ethernet module
- 48 10/100 port Ethernet + 2 GBIC (SFP) Gigabit Ethernet port module

The C460 extends Avaya Convergence solutions to the network edge by providing advanced network capabilities, including Quality of Service (QoS), high performance, advanced power management, security and manageability. Designing a converged network infrastructure using this highly resilient, modular, high performance solution ensures a lifespan of the network, which will reduce cost of ownership and improve return on investment

With its flexible configuration options and high-capacity performance, the C460 can also be deployed as a distribution layer switch or as the network backbone for small to medium enterprises looking for a reliable modular solution.

For enterprises deploying Avaya Communications Manager for mission-critical call center and large-scale campus environments, the C460 offers an ideal IP Telephony platform that combines fault tolerance, network responsiveness for business continuity, and integrated management and monitoring for converged networks.

The following table includes the PoE items of the C460:

Avaya C460	Description	Material Code
C460ML-PWR-CFG	C460 Switch PoE basic configuration (SPV,PSU, fan)	700281603
M4648ML-T-PWR	C460 Multi-layer 48 x 10/100BaseT (RJ-45) Inline Power module	700281587
M4648ML-T-2G-PWR	C460 Multi-layer 48 x 10/100BaseT (RJ-45) + 2 x GBIC (SFP) Inline Power module	700281579
MPS4610-AC	C460 1000w Power Supply (AC) Inline Power Support	700281595

