Introduction

Cisco Catalyst 9200 Series Switches are entry level enterprise-class access switches that extend the power of intent-based networking and Cisco Catalyst 9000 Series Switches hardware and software innovation to a broader scale of deployments. These switches focus on offering features for the mid-market and simple branchdeployments. With its family pedigree, Cisco Catalyst 9200 Series Switches offer simplicity without compromise - it is secure, always on and provides IT simplicity.

As a foundational building block for Cisco Digital Network Architecture, this platform is built with security, mobility, cloud and IoT at its core. This gives you out of the box upgrades in security, resiliency and programmability regardless of where you are in the intent-based networking journey.

With access to Cisco's best in class security portfolio anchored trustworthy solutions, MACsec encryption and segmentation, the platform provides advanced security features that protect the integrity of the hardware as well as the software and all data that flows through the switch and the network. These switches provide enterprise-level resiliency and keep your business up and running seamlessly with field-replaceable power supplies and fans, modular uplinks, cold patching, perpetual PoE, and the industry's highest mean time between failures (MTBF). Combine the application visibility of full flexible NetFlow with telemetry and the open APIs of Cisco IOS XE and programmability of the UADP ASIC technology and these switches give you the best simple experience provisioning and managing your network now with investment protection on future innovations.

- Supported Hardware, on page 1

Supported Hardware

Cisco Catalyst 9200 Series Switches—Model Numbers

The following table lists the supported hardware models and the default license levels they are delivered with. For information about the available license levels, see section *License Levels*.

Switch Model	Default License Level[1]	Description
C9200-24T-A	Network Advantage	Stackable 24x1G ports; 4x1G and 4x10G fixed uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-24T-E	Network Essentials	

Switch Model	Default License Level[1]	Description
C9200-24P-A	Network Advantage	Stackable 24x1G PoE+ ports; 4x1G and 4x10G fixed uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-24P-E	Network Essentials	
C9200-24PB-A	Network Advantage	Stackable 24x1G PoE+ ports; 4x1G and 4x10G fixed uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-48T-A	Network Advantage	Stackable 48x1G ports; 4x1G and 4x10G fixed uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-48T-E	Network Essentials	
C9200-48P-A	Network Advantage	Stackable 48x1G PoE+ ports; 4x1G and 4x10G fixed uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-48P-E	Network Essentials	
C9200-48PL-A	Network Advantage	Stackable 48x1G PoE+ ports with partial PoE support; 4x1G and 4x10G network modules for uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-48PL-E	Network Essentials	
C9200-48PB-A	Network Advantage	Stackable 48x1G PoE+ ports; 4x1G and 4x10G fixed uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-24PXG-E	Network Essentials	Stackable 8 Multigigabit Ethernet and 16x1G PoE+ ports; supports 4x10G, 2x25G and 2x40G network modules for uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-24PXG-A	Network Advantage	
C9200-48PXG-E	Network Essentials	Stackable 8 Multigigabit Ethernet and 40x1G PoE+ ports; supports 4x10G, 2x25G and 2x40G network modules for uplink ports; 2 power supply slots; 2 field-replaceable fans; supports StackWise-160.
C9200-48PXG-A	Network Advantage	
C9200L-24P-4G-A	Network Advantage	Stackable 24x1G PoE+ ports; 4x1G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-24P-4G-E	Network Essentials	
C9200L-24P-4X-A	Network Advantage	Stackable 24x1G PoE+ ports; 4x10G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-24P-4X-E	Network Essentials	
C9200L-24T-4G-A	Network Advantage	Stackable 24x1G ports; 4x1G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-24T-4G-E	Network Essentials	
C9200L-24T-4X-A	Network Advantage	Stackable 24x1G ports; 4x10G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-24T-4X-E	Network Essentials	

Switch Model	Default License Level[1]	Description
C9200L-48P-4G-A	Network Advantage	Stackable 48x1G PoE+ ports; 4x1G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48P-4G-E	Network Essentials	
C9200L-48P-4X-A	Network Advantage	Stackable 48x1G PoE+ ports; 4x10G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48P-4X-E	Network Essentials	
C9200L-48PL-4G-A	Network Advantage	Stackable 48x1G PoE+ ports with partial PoE support; 4x1G SFP fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48PL-4G-E	Network Essentials	
C9200L-48PL-4X-A	Network Advantage	Stackable 48x1G PoE+ ports with partial PoE support; 4x10G SFP fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48PL-4X-E	Network Essentials	
C9200L-48T-4G-A	Network Advantage	Stackable 48x1G ports; 4x1G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48T-4G-E	Network Essentials	
C9200L-48T-4X-A	Network Advantage	Stackable 48x1G ports; 4x10G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48T-4X-E	Network Essentials	
C9200L-24PXG-4X-A	Network Advantage	Stackable 8xMultigigabit Ethernet PoE+ ports and 16x1G PoE+ ports; 4x10G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-24PXG-4X-E	Network Essentials	
C9200L-24PXG-2Y-A	Network Advantage	Stackable 8xMultigigabit Ethernet PoE+ ports and 16x1G PoE+ ports; 2x25G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-24PXG-2Y-E	Network Essentials	
C9200L-48PXG-4X-A	Network Advantage	Stackable 12xMultigigabit Ethernet PoE+ ports and 36x1G PoE+ ports; 4x10G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48PXG-4X-E	Network Essentials	
C9200L-48PXG-2Y-A	Network Advantage	Stackable 8xMultigigabit Ethernet PoE+ ports and 40x1G PoE+ ports; 2x25G fixed uplink ports; 2 power supply slots; 2 fixed fans; supports StackWise-80.
C9200L-48PXG-2Y-E	Network Essentials	
C9200CX-8P-2X2G-A	Network Advantage	8x1G PoE+ ports; 2x1G and 2x10G SFP+ fixed uplink ports; powered using 315W internal power supply unit; fanless.
C9200CX-8P-2X2G-E	Network Essentials	
C9200CX-12P-2X2G-A	Network Advantage	12x1G PoE+ ports; 2x1G and 2x10G SFP+ fixed uplink ports; powered using 315W internal power supply unit; fanless.
C9200CX-12P-2X2G-E	Network Essentials	

Switch Model	Default License Level[1]	Description
C9200CX-12T-2X2G-A	Network Advantage	12x1G Ethernet ports; 2x1G copper uplink ports, 1x1G copper uplink PD port, and 2x10G SFP+ fixed uplink ports; powered either from the copper uplink PD port or using an auxiliary 80W power adapter; fanless
C9200CX-12T-2X2G-E	Network Essentials	

[1] See Table: Table 1, for information about the add-on licenses that you can order.

Network Modules

The following table lists the optional uplink network modules with 1-GigabitEthernet and 10-GigabitEthernet slots. You should only operate the switch with either a network module or a blank module installed.

Network Module	Description
C9200-NM-4G [1]	Four 1-GigabitEthernet SFP module slots
C9200-NM-4X [1]	Four 10-GigabitEthernet SFP+ module slots
C9200-NM-2Y [2]	Two 25-GigabitEthernet SFP28 module slots
C9200-NM-2Q [2]	Two 40-GigabitEthernet slots with a QSFP+ connector in each slot

Note These network modules are supported only on the C9200 SKUs of the Cisco Catalyst 9200 Series Switches.

Optics Modules

Cisco Catalyst Series Switches support a wide range of optics and the list of supported optics is updated on a regular basis. Use the Transceiver Module Group (TMG) Compatibility Matrix tool, or consult the tables at this URL for the latest transceiver module compatibility information: https://www.cisco.com/en/US/products/hw/modules/ps5455/products_device_support_tables_list.html