

# C9117AXI-T Datasheet

Check its price: [Click Here](#)



## Overview

The Cisco Catalyst 9117 Access Points are the next generation of enterprise access points. They are resilient, secure, and intelligent. Wi-Fi 6; 8x8:8 MIMO, T Domain.

### Product Details

Cisco AP C9117AXI Series provides these features:

- 802.11ax (Wi-Fi 6)
- 802.11ac Wave 2 support
- OFDMA
- MU-MIMO technology
- Target wake time
- Cisco Mobility Express
- Multigigabit Ethernet support
- Bluetooth 5.0
- Apple Features

### Supported Platforms

Table 1 shows the supported platforms and software.

Supported wireless LAN controllers and Software	Recommended Model
Cisco 3500 Series Wireless Controllers	<a href="#">AIR-CT3504-K9</a>
Cisco 5520 Series Wireless Controllers	<a href="#">AIR-CT3504-K9</a>
Cisco 8540 Series Wireless Controllers	<a href="#">AIR-CT8540-K9</a> <a href="#">AIR-CT8540-1K-K9</a>
Cisco 9800 series Wireless Controllers	<a href="#">C9800-40-K9</a> <a href="#">C9800-80-K9</a>
Cisco Virtual Wireless Controller	/
Cisco Unified Wireless Network Software Release 8.9 or later	/
Cisco IOS ® XE Software Release 16.11 or later	/

### Compare to Similar Items

Table 2 shows the comparison of Cisco AP 9117AXI Series.

SKU	Description
C9117AXI-A	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, A Domain
C9117AXI-B	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, B Domain
C9117AXI-D	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, D Domain
C9117AXI-E	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, E Domain
<a href="#">C9117AXI-G</a>	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, G Domain

C9117AXI-H	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, H Domain
C9117AXI-I	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, I Domain
<u>C9117AXI-T</u>	Cisco Catalyst 9117AX Access Point, Internal antenna; Wi-Fi 6; 8x8:8 MIMO, T Domain

## Get More Information

Do you have any question about the C9117AXI-T?

Contact us now at [sales@gntme.com](mailto:sales@gntme.com).

## Specification

C9117AXI-T Specification	
<b>Description</b>	Cisco Catalyst 9117AX Series, T Domain
<b>Software</b>	<ul style="list-style-type: none"> <li>• Cisco Unified Wireless Network Software Release 8.9 or later</li> <li>• Cisco IOS ® XE Software Release 16.11or later</li> </ul>
<b>Supported wireless LAN controllers</b>	<ul style="list-style-type: none"> <li>• Cisco Catalyst 9800 Series Wireless Controllers</li> <li>• Cisco 3500, 5520, and 8540 Series Wireless Controllers and Cisco Virtual Wireless Controller</li> </ul>
<b>802.11n version 2.0 (and related) capabilities</b>	<ul style="list-style-type: none"> <li>• 8x8 MIMO with four spatial streams for 5-GHz band</li> <li>• 4x4 MIMO with four spatial streams for 2.4-GHz band</li> <li>• Maximal Ratio Combining (MRC)</li> <li>• 20- and 40-MHz channels</li> <li>• PHY data rates up to 600 Mbps (40 MHz with 5 GHz)</li> <li>• Packet aggregation: A-MPDU (transmit and receive), A-MSDU (transmit and receive)</li> <li>• Cyclic Shift Diversity (CSD) support</li> </ul>
<b>802.11ac</b>	<ul style="list-style-type: none"> <li>• 8x8 downlink MU-MIMO with eight spatial streams</li> <li>• MRC</li> <li>• 802.11ac beamforming</li> <li>• 20-, 40-, 80-, and 160-MHz channels</li> <li>• PHY data rates up to 3.5 Gbps at 5 GHz</li> <li>• Packet aggregation: A-MPDU (transmit and receive), A-MSDU (transmit and receive)</li> <li>• CSD support</li> </ul>
<b>802.11ax</b>	<ul style="list-style-type: none"> <li>• 8x8 MIMO with eight spatial streams for 5-GHz band</li> <li>• 4x4 MIMO with four spatial streams for 2.4-GHz band</li> <li>• Downlink OFDMA</li> <li>• TWT</li> <li>• MRC</li> <li>• 802.11ax beamforming</li> <li>• 20-, 40-, 80, and 160-MHz channels</li> <li>• PHY data rates up to 5 Gbps at 5 GHz</li> <li>• Packet aggregation: A-MPDU (transmit and receive), A-MSDU (transmit and receive)</li> <li>• CSD support</li> </ul>
<b>Integrated antenna</b>	<ul style="list-style-type: none"> <li>• 2.4 GHz, peak gain 4 dBi, internal antenna, omnidirectional in azimuth</li> <li>• 5 GHz, peak gain 6 dBi, internal antenna, omnidirectional in azimuth</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 1x 100, 1000, 2500, 5000 Multigigabit Ethernet (RJ-45) – IEEE 802.3bz</li> <li>• Management console port (RJ-45)</li> <li>• USB 2.0 with up to 3.75W (enabled via future software)</li> </ul>
<b>Indicators</b>	<ul style="list-style-type: none"> <li>• SStatus LED indicates boot loader status, association status, operating status, boot loader warnings, and boot loader errors</li> </ul>

<b>Dimensions (W x L x H)</b>	<ul style="list-style-type: none"> <li>•Access point (without mounting bracket and mounting features): 8.70 x 8.70 x 1.94 in. (22 x 22 x 4.93 cm)</li> <li>•Access point (without mounting bracket): 8.70 x 8.70 x 2.19 in. (22 x 22 x 5.56 cm)</li> </ul>
<b>Input power requirements</b>	<ul style="list-style-type: none"> <li>•802.3at Power over Ethernet Plus (PoE+), 802.3bt Cisco Universal PoE (Cisco UPOE+, Cisco UPOE ®)</li> <li>•Cisco power injector, AIR-PWRINJ6=</li> <li>•802.3af PoE</li> <li>•Cisco power injector, AIR-PWRINJ5= (Note: This injector supports only 802.3af)</li> </ul> <p>Note: When 802.3af PoE is the source of power, both 2.4-GHz and 5- GHz radios will be reduced to 2x2 and Ethernet downgraded to 2.5 Gbps; in addition, the USB port will be off.</p>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>•Nonoperating (storage) temperature: -22° to 158°F (-30° to 70°C)</li> <li>•Nonoperating (storage) altitude test: 25°C, 15,000 ft.</li> <li>•Operating temperature: 32° to 122°F (0° to 50°C)</li> <li>•Operating humidity: 10% to 90% (noncondensing)</li> <li>•Operating altitude test: 40°C, 9843 ft.</li> </ul>
<b>System memory</b>	<ul style="list-style-type: none"> <li>•2048 MB DRAM</li> <li>•1024 MB flash</li> </ul>
<b>Available transmit power settings</b>	<p>2.4 GHz</p> <ul style="list-style-type: none"> <li>•23 dBm (200mW)</li> <li>•20 dBm (100mW)</li> <li>•17 dBm (50mW)</li> <li>•14 dBm (25mW)</li> <li>•11 dBm (12.5 mW)</li> <li>•8 dBm (6.25 mW)</li> <li>•5 dBm (3.13 mW)</li> <li>•2 dBm (1.56 mW)</li> <li>• -1 dBm (0.78 mW)</li> <li>• -4 dBm (0.4 mW)</li> <li>• -6 dBm (0.25 mW)</li> </ul> <p>5 GHz</p> <ul style="list-style-type: none"> <li>•26 dBm (400mW)</li> <li>•23 dBm (200mW)</li> <li>•20 dBm (100mW)</li> <li>•17 dBm (50mW)</li> <li>•14 dBm (25mW)</li> <li>•11 dBm (12.5 mW)</li> <li>•8 dBm (6.25 mW)</li> <li>•5 dBm (3.13 mW)</li> <li>•2 dBm (1.56 mW)</li> <li>•-1 dBm (0.78 mW)</li> <li>•-4 dBm (0.4 mW)</li> </ul>
<b>Frequency band and 20-MHz operating channels</b>	<p>T (T regulatory domain):</p> <ul style="list-style-type: none"> <li>• 2.412 to 2.462 GHz; 11 channels</li> <li>•5.180 to 5.320 GHz; 8 channels</li> <li>•5.500 to 5.700 GHz; 12 channels</li> <li>•5.745 to 5.825 GHz; 5 channels</li> </ul>

## Why [Gntme.com](http://Gntme.com)

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), HPE, Dell, Hikvision, Juniper, Fortinet, etc.

## Contact Us

Mobile: +971 4 2409 998  
 Whatsapp: +971503841786  
 Email: [sales@gntme.com](mailto:sales@gntme.com)