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Overview

Cisco Aironet 2600 Series Access Point:

3 x 4 MIMO technology with three spatial streams

standalone access point, IEEE 802.11 a/b/g/n

Dual-band, Internal antennas and E regulatory domain

Cross AP Noise Reduction, MIMO equalization

AIR-CAP2602I-A-K9 is 2600 series wireless access point in standalone mode, which offers a low-cost, entry-level solution with no requiring wireless controller. AIR-CAP2602I-A-K9 offers base-level wireless functionality with the high-performance, high-flexibility to support unique requirement for scale and mobility services. Standalone model and controller base access point can be interchangeable by upgrade or downgrade the system IOS to satisfy the needs by add services over time by adding a controller, which means, a controller is required to support voice, location services, guest access, and advanced security.

2600 series standalone model deliver the highest level of IEEE 802.11n performance which sustains up to 450-Mbps data rate, and 3*4 MIMO technology with three-spatial stream provides optimal coverage to ensure best possible end user experience on the wireless network.

Quick Specs

Figure 1 shows the appearance of AIR-CAP2602I-A-K9.



Table 1 shows the Quick Specs.

Product Code	AIR-CAP2602I-A-K9
RAM	256 MB
Wireless Type	802.11G, 802.11n
Brand Name	Cisco
Item model number	AIR-CAP2602I-A-K9
Item Weight	2.5 pounds
Product Dimensions	8.7 x 8.7 x 2.1 inches
Item Dimensions L x W x H	8.7 x 8.7 x 2.13 inches
Flash Memory Size	32

Product Details

Figure 2 shows the front panel of AIR-CAP2602I-A-K9.



Note:

(1)	LED indicator
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Get More Information

Do you have any question about the Cisco AIR-CAP2602I-A-K9?

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Specification

AIR-CAP2602I-A-K9 Specification		
Product Description	Cisco Aironet 2600 Series Access Points with Internal antennas	
Device Type	standalone Wireless Access point	
Regulatory domain	E regulatory domain	
Software	Cisco Unified Wireless Network Software Release 7.2.110 or later.	
Data rates supported	<ul style="list-style-type: none"> ● 802.11a: up to 54 Mbps ● 802.11g: up to 54 Mbps 	● 802.11n on 2.4 GHz: up to 450Mbps
Maximum number of nonoverlapping channels	5 GHz <ul style="list-style-type: none"> ● 802.11a: <ul style="list-style-type: none"> ○ 20 MHz: 21 ● 802.11n: <ul style="list-style-type: none"> ○ 20 MHz: 21 ○ 40 MHz: 9 	2.4 GHz <ul style="list-style-type: none"> ● 802.11b/g: <ul style="list-style-type: none"> ○ 20 MHz: 3 ● 802.11n: <ul style="list-style-type: none"> ○ 20 MHz: 3
External antenna (antenna purchase separately)	<ul style="list-style-type: none"> ● Certified for use with antenna gains up to 6 dBi (2.4 GHz and 5 GHz) 	<ul style="list-style-type: none"> ● Cisco offers the industry's broadest selection of 802.11n antennas delivering optimal coverage for a variety of deployment scenarios
Interfaces	<ul style="list-style-type: none"> ● 10/100/1000BASE-T autosensing (RJ-45) 	<ul style="list-style-type: none"> ● Management console port (RJ-45)
System memory	<ul style="list-style-type: none"> ● 256 MB DRAM 	<ul style="list-style-type: none"> ● 32 MB flash
Power consumption (power supply purchase separately)	15.4 Watts (standard 802.3af POE)	
IEEE standards	<ul style="list-style-type: none"> ● IEEE 802.11a/b/g, 802.11n, 802.11h, 802.11d 	

Security	<ul style="list-style-type: none"> ● 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA ● 802.1X 	<ul style="list-style-type: none"> ● Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP)
Frequency band and 20-MHz operating channels	<p>A (A regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.462 GHz; 11 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.500 to 5.700 GHz; 8 channels (excludes 5.600 to 5.640 GHz) ● 5.745 to 5.825 GHz; 5 channels <p>C (C regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.745 to 5.825 GHz; 5 channels <p>D (D regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.462 GHz; 11 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.745 to 5.825 GHz; 5 channels <p>E (E regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.500 to 5.700 GHz; 8 channels (excludes 5.600 to 5.640 GHz) <p>H (H regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.150 to 5.350 GHz; 8 channels ● 5.745 to 5.825 GHz; 5 channels <p>I (I regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.180 to 5.320 GHz; 8 channels <p>K (K regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.500 to 5.620 GHz; 7 channels ● 5.745 to 5.805 GHz; 4 channels 	<p>N (N regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.462 GHz; 11 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.745 to 5.825 GHz; 5 channels <p>Q (Q regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.500 to 5.700 GHz; 11 channels <p>R (R regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.660 to 5.805 GHz; 7 channels <p>S (S regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.472 GHz; 13 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.500 to 5.700 GHz; 11 channels ● 5.745 to 5.825 GHz; 5 channels <p>T (T regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.462 GHz; 11 channels ● 5.280 to 5.320 GHz; 3 channels ● 5.500 to 5.700 GHz; 8 channels (excludes 5.600 to 5.640 GHz) ● 5.745 to 5.825 GHz; 5 channels <p>Z (Z regulatory domain):</p> <ul style="list-style-type: none"> ● 2.412 to 2.462 GHz; 11 channels ● 5.180 to 5.320 GHz; 8 channels ● 5.500 to 5.700 GHz; 8 channels (excludes 5.600 to 5.640 GHz) ● 5.745 to 5.825 GHz; 5 channels
Environmental	<ul style="list-style-type: none"> ● Nonoperating (storage) temperature: -22 to 158°F (-30 to 70°C) ● Nonoperating (storage) Altitude Test: 25°C, 15,000 ft. ● Operating temperature: -4 to 131°F (-20 to 55°C) 	<ul style="list-style-type: none"> ● Operating humidity: 10 to 90 % (noncondensing) ● Operating Altitude Test: 40°C, 9843 ft.

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