Cisco Aironet 1570 Series Outdoor Access Points

Ordering Guide

November 2015

Contents

1. Introduction

This document describes the Cisco Aironet® 1570 Series Outdoor Access Points listed in Table 1. It also describes the various packaging structures and configurations available for different models. In this document, you'll also find part numbers and other information necessary to help you choose and order products.

Table 1. Cisco Aironet 1570 Series Access Points

Model	Antenna Type(s)	Power Option(s)
AP1572EAC	E: External antennas	AC: AC power
AP1572IC	I: Internal antennas	C: Cable backhaul and power-over-cable
AP1572EC	E: External antennas	C: Cable backhaul and power-over-cable

For more detailed information on Aironet 1570 Series access point products, visit: http://www.cisco.com/c/en/us/products/wireless/aironet-1570-series/index.html.

2. Cisco Aironet 1570 Series Outdoor Access Points

Aironet 1570 Series Outdoor Access Points (APs) are ideal for both enterprise and carrier-class network operators. They are the industry's highest-performing outdoor APs and support the latest Wi-Fi standard, 802.11ac. The 1570 Series APs provide high throughput over a large area with pervasive coverage. A fully operational system contains the following items:

1. Access point
2. Cable modem right-to-use (RTU) license (**1572IC and 1572EC models only**)
3. Software
4. External antennas (**1572EAC and 1572EC models only**)
5. GPS (optional)
6. Mounting brackets
7. Power source
8. Small Form-Factor Pluggable (SFP; optional)
9. Accessories (optional)

Table 2 lists the part numbers for 1570 Series access points in a variety of configurations.

Table 2. Cisco Aironet 1570 Series Models

Part Number	Description			
AIR-AP1572EAC-x-K9	E: External Antenna,	AC Power		
AIR-AP1572IC1-x-K9	I: Internal Antenna,	C1: Power-over-Cable; NA-DOCSIS	42/	88 MHz
AIR-AP1572IC2-x-K9	I: Internal Antenna,	C2: Power-over-Cable; NA-DOCSIS	85/	108 MHz
AIR-AP1572IC3-x-K9	I: Internal Antenna,	C3: Power-over-Cable; Euro-DOCSIS	65/	108 MHz
AIR-AP1572IC4-x-K9	I: Internal Antenna,	C4: Power-over-Cable; Japan-DOCSIS	65/	108 MHz
AIR-AP1572EC1-x-K9	E: External Antenna,	C1: Power-over-Cable; NA-DOCSIS	42/	88 MHz
AIR-AP1572EC2-x-K9	E: External Antenna,	C2: Power-over-Cable; NA-DOCSIS	85/	108 MHz
AIR-AP1572EC3-x-K9	E: External Antenna,	C3: Power-over-Cable; Euro-DOCSIS	65/	108 MHz
AIR-AP1572EC4-x-K9	E: External Antenna,	C4: Power-over-Cable; Japan-DOCSIS	65/	108 MHz

Note 1: "x" is a placeholder for the regulatory domain designator. Please visit http://www.cisco.com/go/aironet/compliance (Outdoor Access Points) to determine which regulatory domain is used in your country. Note that the regulatory domain used in your country might differ depending on access point model, and that some models are not available for all countries.

Note 2: For the USA only, you must use regulatory domain - B instead of the traditional - A. This is due to the recent FCC rule changes that opened up the 5 GHz UNII-1 band for outdoor usage.

Use Table 2 and the remainder of this guide to identify the items that you need for your deployment. Note that some components are available as a “configurable” option or as a “spare.”

- A “configurable” option ships in the same main box as the AP. For example: AIR-ACCPMK1570-1 is a “configurable” option and, if so ordered, is shipped alongside the AP in the same box.
- A “spare” option is denoted with an equals (=) sign at the end of the part number. For example: AIR-ACCPMK1570-1= is a “spare” and, if so ordered, is shipped in separate packaging.

If making a return or trade-in, you might need to remove any option you installed before returning your access point to Cisco. Consult your Cisco representative for additional assistance in ordering mesh and other networking equipment.

Table 3 lists the standard items that could be included with each specific model.

Table 3. Standard Items Included with Each Specific Model

AP1572EAC	AP1572IC	AP1572EC
• Access point • Sealant tape for the antenna connections • Fitting dome/gland: liquid-tight adapter for sealing the cable ingress connection • Grounding lug • Antiseizing compound for the mounting brackets • DC power connector	• Access point • Grounding lug • Antiseizing compound for the mounting brackets	• Access point • Sealant tape for the antenna connections • Fitting dome/gland: liquid-tight adapter for sealing the cable ingress connection • Grounding lug • Antiseizing compound for the mounting brackets

3. Cisco Software Subscription

Cable Modem License

The cable modem (CM) license applies only to the two Aironet 1570 Series models that have built-in cable modems, the AP1572IC and AP1572EC. These two AP models come with CM hardware capable of operating with up to 24x8 channel bonding on the downstream (DS) and upstream (US), respectively. However, there is a right-to-use (RTU) license (see Table 4) that must be selected in association with this hardware for the user to have the right to operate these AP models. At a minimum, license option LIC-CM1570-08CH shall be selected in association with AP1572IC and AP1572EC, even if the operator chooses not to use the CM. The RTU authorizes the user to operate the CM hardware with up to 8, 16, or 24 bonded channels on the downstream. This RTU can be selected as a “configurable” option at the time of the AP order, or as a “spare” at a later date. Note, however, that there is no CM RTU upgrade part number available for this RTU license, and thus the user may want to consider purchasing a 16- or 24-channel license at the time of ordering if planning to upgrade the CM operation at a later time.

Table 4. Cisco Aironet 1572IC and 1572EC Cable Modem RTU Software License

Part Number	Description
LIC-CM1570-08CH	License: Cable Modem (RTU), up to 8 Downstream Channel Bonding
LIC-CM1570-16CH	License: Cable Modem (RTU), up to 16 Downstream Channel Bonding
LIC-CM1570-24CH	License: Cable Modem (RTU), up to 24 Downstream Channel Bonding

Software Ordering Options

The 1570 Series requires, at a minimum, AP software release 8.0MR or later (see Table 5). Traditionally, additional functions are available for the AP with more recent releases. Please see the applicable release notes for more information about features available with the latest software releases. You can specify the AP to be loaded and shipped with the default unified software as either “unified mesh” (SW1570-UM01A01-K9) or “unified local” (SW1570-UL01A01-K9) mode during the ordering process.

Table 5. Minimum AP Software Releases

Part Number	Minimum Software Release
SW1570-UM01A01-K9	SW Cisco AP1570: Unified Mesh (e.g., 8.0.xxx) + IOS (e.g., 15.2.4-yyy); IOS added when available
SW1570-UL01A01-K9	SW Cisco AP1570: Unified Local (e.g., 8.0.xxx) + IOS (e.g., 15.2.4-yyy); IOS added when available

4. Cisco Aironet 1570 Series Components

Antennas

The Aironet 1572IC access point has four internal dual-band (2.4- and 5-GHz) antennas that reside under a sealed random and cannot be accessed or configured by the user.

The Aironet 1572EAC and 1572EC access points are equipped with four separate N-type female connectors that carry dual-band signals or, through software control, can be configured such that the bottom pair of connectors carry only 2.4-GHz signals and the top pair carry only 5-GHz signals. This gives users multiple configuration options, as shown in Figure 1.

Figure 1. Antenna Configuration Options

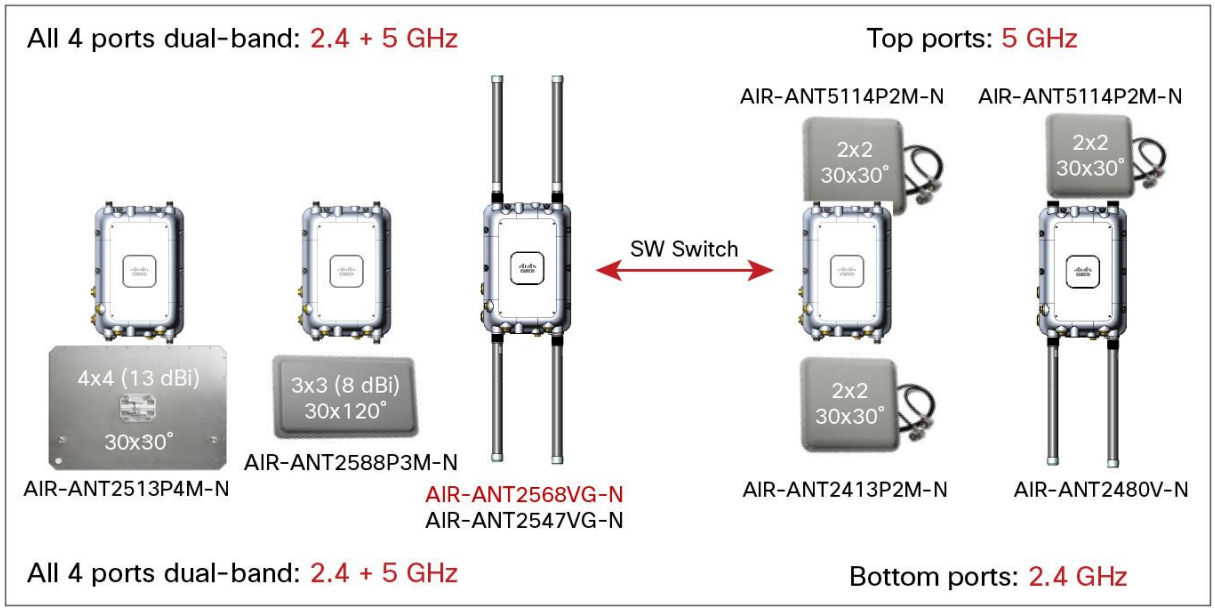


Table 6 describes the antennas available for the Aironet 1572EAC and 1572EC access points. The table lists part numbers for the antennas as well as gain and other details.

Table 6. Antennas for the Cisco Aironet 1572EAC and 1572EC Access Point

Part Number	Frequency Band	Gain	Type	Required Quantity and Note
AIR-ANT2568VG-N	2.4/5 GHz	6/8 dBi	Omnidirectional	4; default recommended for maximum omni performance
AIR-ANT2547VG-N	2.4/5 GHz	4/7 dBi	Omnidirectional	4
AIR-ANT2588P3M-N=	2.4/5 GHz	8/8 dBi	Directional	1; 3x cables and lightning arrestors may be needed
AIR-ANT2513P4M-N=	2.4/5 GHz	13/13 dBi	Directional	1; 4x cables and lightning arrestors may be needed
AIR-ANT2480V-N	2.4 GHz	8 dBi	Omnidirectional	2
AIR-ANT2450V-N	2.4 GHz	5 dBi	Omnidirectional	2
AIR-ANT2413P2M-N=	2.4 GHz	13 dBi	Directional	1; antenna mount kit may be used to attach directly to AP
AIR-ANT5180V-N	5 GHz	8 dBi	Omnidirectional	2
AIR-ANT5114P2M-N=	5 GHz	14 dBi	Directional	1; antenna mount kit may be used to attach directly to AP

* All the above antennas are compatible with UNII-1 band operation under FCC rules except for (AIR-ANT2568VG-N).

For additional antenna specifications, see the Cisco Aironet Antenna and Accessories Reference Guide.

The access points are provided with a sealant tape to protect the antenna connector from weather. Consult the installation guide for proper installation.

GPS

All Aironet 1570 Series access points have a built-in GPS receiver. To use the GPS functionality, you should order and install a GPS antenna (see Table 7). The GPS antenna can be selected as a “configurable” option at the time of the AP order or as a “spare” at a later date.

Table 7. GPS Antennas for the Cisco Aironet 1570 Series Access Points

Part Number	Description
AIR-ANT-GPS-1	GPS Antenna

Mounting Brackets

Aironet 1570 Series outdoor access points can be mounted on a cable strand, poles, or walls. Table 8 provides the mounting options for each model.

Table 8. Mounting Options for the Cisco Aironet 1570 Series

Part Number	Description	AP1572EAC	AP1572IC	AP1572EC
AIR-ACCSMK1570-1	Accessory, Strand-Mount Kit 1 (SMK1)		√	
AIR-ACCSMK1570-2	Accessory, Strand-Mount Kit 2 (SMK2)		√	√
AIR-ACCSMK1570-3	Accessory, Strand-Mount Kit 3 (SMK3)		√	√
AIR-ACCPMK1570-1	Accessory, Pole-Mount Kit 1 (PMK1)	√		√
AIR-ACCPMK1570-2=	Accessory, Pole/Wall-Mount Kit 2 (PMK2)	√		√
AIR-ACCPMK1570-3=	Accessory, Pole/Wall-Mount Kit 3 (PMK3)		√	
AIR-ACCAMK-1=	Accessory, Antenna Mount Kit 1 (AMK1)	√		√

Table 9 provides a fuller description of each of the mounting options.

Table 9. Mounting Brackets for the Cisco Aironet 1570 Series

Part Number	Description
AIR-ACCSMK1570-1	Default SMK. Does not offer any allowance for data cable under the steel strand.
AIR-ACCSMK1570-2	Fixed-height SMK. Offers approximately 1.7 inches of clearance for data cable below steel strand.
AIR-ACCSMK1570-3	Adjustable-height SMK. Offers approximately 2.7 inches of clearance for data cable below steel strand.
AIR-ACCPMK1570-1	Vertical pole only (2 to 6 inches in diameter). Does not require special band-installation tool.
AIR-ACCPMK1570-2=	Wall or pole (2 to 16 inches in diameter) with tilt adjustment. Requires special band-installation tool (AIR-BAND-INST-TL=); one per install crew.
AIR-ACCPMK1570-3=	Wall or pole (2 to16 inches in diameter) with tilt adjustment. Requires special band-installation tool (AIR-BAND-INST-TL=); one per install crew.
AIR-ACCAMK-1=	Attaches certain directional antennas directly to the AP (e.g., AIR-ANT2413P2M-N= or AIR-ANT5114P2M-N=)

Power

Aironet 1570 Series Outdoor Access Points can be powered by AC, DC, power over cable (PoC), and Power over Ethernet (PoE). Table 10 shows the powering options for each model.

Table 10. Powering Options for the Cisco Aironet 1570 Series

Powering Option	AP1572EAC	AP1572IC	AP1572EC
AC (Alternating Current)	√		
PoC (power over cable)		√	√
PoE (power over Ethernet)	√		
DC (Direct Current)	√	√	√

AC Power

To power the AP1572EAC from an AC power source, an AC cable is required. When powering the 1572EAC from streetlight power, note that the maximum voltage is 277 VAC and requires the power adapter and the streetlight tap. The Aironet 1570 Series also offers an option of a field-installable AC power cable connector kit to give the user the option to source the AC cable locally and terminate the AP end with this compatible connector. Check the hardware installation guide for these options. Table 11 lists the AC cable, tap, and field-installable connector kit part numbers.

Table 11. AC Cables, Streetlight Tap, and Connector Kit

Part Number	Description
AIR-CORD-R3P-40NA=	AC power cord, 40 ft (12m); North American plug; 1520/1550/1570 Series
AIR-CORD-R3P-40UE=	AC power cord, 40 ft (12m); EU unterminated end; 1520/1550/1570 Series
AIR-ACC15-AC-PLGS=	Accessory, AC-Power Connector Kit, Field-Install, bag of 5 units
AIR-PWR-ST-LT-R3P=	Power cord, 4 ft, Streetlight Tap

Power over Ethernet

The AP1572EAC can be powered over the Ethernet connection. Power can be sourced directly from an appropriately powered Universal Power over Ethernet (UPoE) switch port or from the inline power injector listed in Table 12.

Table 12. Power Injector for Use with PoE

Part Number	Description
AIR-PWRINJ1500-2=	1520/1550/1570 Series Power Injector; for indoor environments only

You must also specify the country type AC power cord for the power injector.

The Aironet 1570 Series access points use a standard RJ-45 Ethernet connector. Cisco does not provide an Ethernet cable for the 1570 Series. You will need to source an outdoor-rated, Category 5 or better Ethernet cable and shielded RJ-45 connectors from a local supplier. A liquid-tight gland is provided with the access point to seal this cable entry point from weather.

DC Power

The Aironet 1570 Series access points support power from an external DC power supply. Check the data sheet for the associated voltage, current range, and power consumption. A DC terminal block is included with the AP1572EAC for this purpose. While not common, the cable-powered AP1572IC and AP1572EC can also use DC power. For that, an accessory kit is available to provide DC terminal block connectors (see the accessories section/table). Note that these DC connectors are specifically for the Aironet 1570 Series and should not be interchanged with DC terminal blocks for the previous AP1520, AP1550, or 1530 models. When using DC power, please consult the hardware installation guide for instructions on how to correctly assemble the connector.

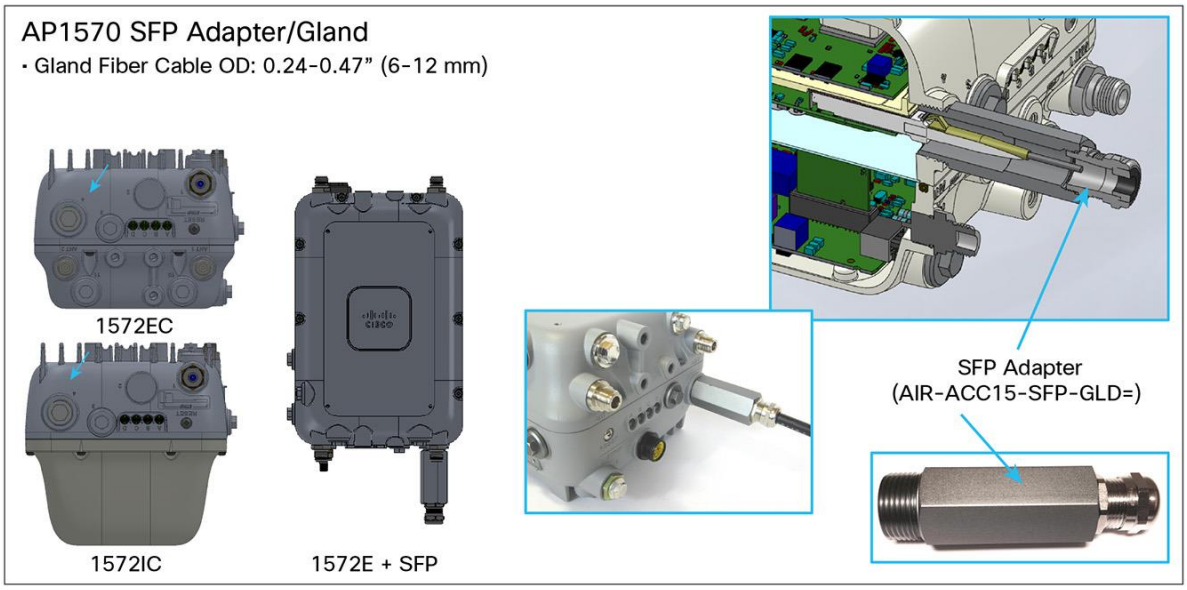
SFP

All the Cisco Aironet 1570 Series Outdoor Access Points support fiber backhaul. The SFP is built into the AP, but the mechanical interface is external to the AP. A special SFP adapter/gland kit is needed to interface the fiber cable to the AP. Table 13 lists the SFP and the adapter/gland accessory kit, and Figure 2 illustrates them.

Table 13. SFP Components for use with AP1570

Powering Option	Description
AIR-ACC15-SFP-GLD=	Accessory, SFP external Gland/Adapter, bag of 5 units
GLC-LX-SM-RGD=	1000BASE-LX single-mode Rugged SFP
GLC-SX-MM-RGD=	1000BASE-SX multi-mode Rugged SFP

Figure 2. Fitting the Fiber Cable Interface to the AP



Accessory Kit and Optional Items

RF Cables and Lightning Arrestors

For customer convenience, Cisco offers RF cables to remotely attach external antennas to the Cisco Aironet 1572EAC and 1572EC access points. When you use cables between the antenna and these access points, Cisco recommends that you add lightning arrestors to each port, particularly when the deployment is in an area with high lightning activity. The lightning arrestor listed here, when properly grounded, provides robust protection against induced currents in the RF cabling generated by nearby lightning strikes. The lightning arrestor does not protect against direct lightning strikes on the access point. Table 14 lists and describes the RF cables and lightning arrestor parts.

Table 14. RF Cables and Lightning Arrestor

Part Number	Description
AIR-CAB005LL-N=	RF Cable, 5 ft Low-loss, N connectors
AIR-CAB010LL-N=	RF Cable, 10 ft Low-loss, N connectors
AIR-ACC245LA-N=	Accessory, 2.4 and 5 GHz lightning arrestor, N connector

Accessory Kit

A number of additional accessories are provided with the Aironet 1570 Series to facilitate the completeness of certain applications and installation. Table 15 lists the accessory parts and kits.

Table 15. Cisco Aironet 1570 Series Accessories

Part Number	Description
AIR-BAND-INST-TL=	Accessory, Band installation tool (used for PMK2 and PMK3. Need one per installation crew)
AIR-ACC15-DC-PLGS=	Accessory, DC-Power terminal plug/connector, bag of 10 units
AIR-ACC15-GLANDS=	Accessory, Metal Cable Glands, bag of 10 units
AIR-ACC15-AC-CAP=	Accessory, Cover-cap for AC-Power connector, bag of 10 units, for AP1572EAC/AP1552E
AIR-ACC15-N-CAP=	Accessory, Cover-cap for N-connector, bag of 10 units, for AP1572EAC/AP1552E

5. Part Numbers for Ordering

Tables 16, 17, and 18 list the part numbers for the Aironet 1570 Series Outdoor Access Points.

Table 16. AP1572EAC Part Numbers

Product	Description
Access Point	
AIR-AP1572EAC-x-K9	AP 1572EAC, E: External Antennas, AC: AC power
Software	
SW1570-UM01A01-K9	SW Cisco AP1570: Unified Mesh (8.0.xxx) + IOS(15.2.4-yyy); IOS added when available
SW1570-UL01A01-K9	SW Cisco AP1570: Unified Local(8.0.xxx) + IOS(15.2.4-yyy); IOS added when available
Antennas	
AIR-ANT2568VG-N	Antenna, Omni, 2/5GHz, 1-port, 6/8dBi (need 4x/AP1572E)
AIR-ANT2547VG-N	Antenna, Omni, 2/5GHz, 1-port, 4/7dBi (need 4x/AP1572E)
AIR-ANT2588P3M-N=	Antenna, Directional, 2/5GHz, 3-ports, 8/8dBi (need 1x/AP1572E), 3x Separate cables
AIR-ANT2513P4M-N=	Antenna, Directional, 2/5GHz, 4-ports, 13/13dBi (need 1x/AP1572E), 4x Separate cables
AIR-ANT2480V-N=	Antenna, Omni, 2GHz, 1-port, 8dBi (need 2x or 4x/AP1572E)
AIR-ANT2450V-N=	Antenna, Omni, 2GHz, 1-port, 5dBi (need 2x or 4x/AP1572E)
AIR-ANT2413P2M-N=	Antenna, Directional, 2 GHz, 2-ports, 13dBi (need 1x or 2x/AP1572E), cables built-in
AIR-ANT5180V-N=	Antenna, Omni, 5GHz, 1-port, 8dBi (need 2x or 4x/AP1572E)
AIR-ANT5114P2M-N=	Antenna, Directional, 5GHz, 2-ports, 14dBi (need 1x or 2x/AP1572E), cables built-in
AIR-ANT-GPS-1	Antenna, GPS
Mounting Kits	
AIR-ACCPMK1570-1	Accessory, Pole-Mount-Kit 1, Basic (2-06 inch pole)
AIR-ACCPMK1570-2=	Accessory, Pole-Mount-Kit 2, Advanced (2-16 inch pole, cobra-arm pole, Wall mount)
AIR-BAND-INST-TL=	Accessory, Band installation tool (used for PMK2. Need 1x/Installation crew)
AIR-ACCAMK-1=	Accessory, Antenna Mounting Kit (AMK); (used for AIR-ANT2413P2M-N= or AIR-ANT5114P2M-N=)
Power	
AIR-CORD-R3P-40NA=	AC pwr cord, 40 ft (12m); NA plug, for AP1572EAC/AP1552E
AIR-CORD-R3P-40UE=	AC pwr cord, 40 ft (12m); EU unterminated end, for AP1572EAC/AP1552E
AIR-PWR-ST-LT-R3P=	AC Pwr cord, 4 ft (1m); Street light pwr tap, for AP1572EAC/AP1552E
AIR-PWRINJ1500-2=	PoE-In Power Injector Brick, for AP1572EAC/AP1552E
AIR-ACC15-AC-PLGS=	Accessory, AC-Power plug/connector, Field-Install, Bag of 5, for AP1572EAC/AP1552E
AIR-ACC15-DC-PLGS=	Accessory, DC-Power plug/connector, Bag of 10 units, for AP1572EAC
Fiber-SFP	
AIR-ACC15-SFP-GLD=	Accessory, SFP external Gland/Adaptor, Bag of 5 units, for AP1572EAC
GLC-LX-SM-RGD=	1000BaseLX single-mode Rugged SFP, for AP1572EAC/AP1552E
GLC-SX-MM-RGD=	1000BaseSX multimode Rugged SFP, for AP1572EAC/AP1552E
Accessories	
AIR-ACC15-GLANDS=	Accessory, Metal Cable Glands, Bag of 10 units, for AP1572EAC/AP1552E
AIR-ACC15-AC-CAP=	Accessory, Cover-cap for AC-Power connector, Bag of 10 units, for AP1572EAC/AP1552E
AIR-ACC15-N-CAP=	Accessory, Cover-cap for N-connector, Bag of 10 units, for AP1572EAC/AP1552E

Product	Description
RF Cables	
AIR-CAB005LL-N=	RF Cable, 5 ft Low-loss, w/N connectors for AP1572EAC/AP1552E
AIR-CAB010LL-N=	RF Cable, 10 ft Low-loss, w/N connectors for AP1572EAC/AP1552E
AIR-ACC245LA-N=	Accessory, 2.4 & 5 GHz lightning Arrestor, N-Connector

Notes:

- For official pricings, check the Ordering Tool on the Cisco Web Site
- AP PIDs, "x" represents generic Regulatory Domain (RD). For proper RD assoc. w/ a country, visit: http://www.cisco.com/go/aironet/compliance
- Some accessories can be ordered as an "option" in that they get shipped in the same box package in which the AP is shipped. These items are identified by the absence of an "=" at the end of the PID.

Table 17. AP1572IC Part Numbers

Product	Description
Access Point	
AIR-AP1572IC1-x-K9	AP 1572IC1, I: Internal Antennas, C1: Cable Backhaul; NA-DOCSIS 42/88 MHz
AIR-AP1572IC2-x-K9	AP 1572IC2, I: Internal Antennas, C2: Cable Backhaul; NA-DOCSIS 85/108 MHz
AIR-AP1572IC3-x-K9	AP 1572IC3, I: Internal Antennas, C3: Cable Backhaul; Euro-DOCSIS 65/108 MHz
AIR-AP1572IC4-x-K9	AP 1572IC4, I: Internal Antennas, C4: Cable Bachhaul; Japan-DOCSIS 65/108 MHz
Part Number	**Description**
CM RTU License	
LIC-CM1570-08CH	License: Cable Modem Right-to-Use (RTU), up to 8 Downstream Channel Bonding
LIC-CM1570-16CH	License: Cable Modem Right-to-Use (RTU), up to 16 Downstream Channel Bonding
LIC-CM1570-24CH	License: Cable Modem Right-to-Use (RTU), up to 24 Downstream Channel Bonding
Software	
SW1570-UM01A01-K9	SW Cisco AP1570: Unified Mesh (8.0.xxx) + IOS(15.2.4-yyy); IOS added when available
SW1570-UL01A01-K9	SW Cisco AP1570: Unified Local (8.0.xxx) + IOS(15.2.4-yyy); IOS added when available
Antennas	
AIR-ANT-GPS-1	Antenna, GPS
Mounting Kits	
AIR-ACCSMK1570-1 ($0 "option")	Accessory, Strand-Mount-Kit 1, Short, no data-cable clearance, for AP1572IC
AIR-ACCSMK1570-2	Accessory, Strand-Mount-Kit 2, Tall, approx. 1.7" data cable clearance, for AP1572IC
AIR-ACCSMK1570-3	Accessory, Strand-Mount-Kit 3, Adjustable, approx. 2.7" data cable clearance, for AP1572IC
AIR-ACCPMK1570-3=	Accessory, Pole-Mount-Kit 3, Horizontal, 2-16' pole, cobra-arm, Wall mount),for AP1572IC
AIR-BAND-INST-TL=	Band installation tool (used for PMK3. Need 1x/Installation crew)
Fiber-SFP	
AIR-ACC15-SFP-GLD=	Accessory, SFP external Gland/Adaptor, Bag of 5 units, for AP1572IC
GLC-LX-SM-RGD=	1000BaseLX single-mode Rugged SFP, for AP1572IC
GLC-SX-MM-RGD=	1000BaseSX multimode Rugged SFP, for AP1572IC
Accessories	
AIR-ACC15-GLANDS=	Accessory, Metal Cable Glands, Bag of 10 units, for AP1572IC
AIR-ACC15-DC-PLGS=	Accessory, DC-Power connector, Bag of 10 units, for AP1572IC

Notes:

- For official pricings, check the Ordering Tool on the Cisco Web Site
- AP PIDs, "x" represents generic Regulatory Domain (RD). For proper RD assoc. w/ a country, visit: http://www.cisco.com/go/aironet/compliance
- Some accessories can be ordered as an "option" in that they get shipped in the same box package in which the AP is shipped. These items are identified by the absence of an "=" at the end of the PID.

Table 18. AP1572EC Part Numbers

Product	Description
Access Point	
AIR-AP1572EC1-x-K9	AP 1572EC1, E: External Antennas, C1: Cable Backhaul; NA-DOCSIS 42/88 MHz
AIR-AP1572EC2-x-K9	AP 1572EC2, E: External Antennas, C2: Cable Backhaul; NA-DOCSIS 85/108 MHz
AIR-AP1572EC3-x-K9	AP 1572EC3, E: External Antennas, C3: Cable Backhaul; Euro-DOCSIS 65/108 MHz
AIR-AP1572EC4-x-K9	AP 1572EC4, E: External Antennas, C4: Cable Bachhaul; Japan-DOCSIS 65/108 MHz
CM RTU License	
LIC-CM1570-08CH	License: Cable Modem Right-to-Use (RTU), up to 8 Downstream Channel Bonding
LIC-CM1570-16CH	License: Cable Modem Right-to-Use (RTU), up to 16 Downstream Channel Bonding
LIC-CM1570-24CH	License: Cable Modem Right-to-Use (RTU), up to 24 Downstream Channel Bonding
Software	
SW1570-UM01A01-K9	SW Cisco AP1570: Unified Mesh (8.0.xxx) + IOS(15.2.4-yyy); IOS added when available
SW1570-UL01A01-K9	SW Cisco AP1570: Unified Local(8.0.xxx) + IOS(15.2.4-yyy); IOS added when available
Antennas	
AIR-ANT2568VG-N	Antenna, Omni, 2/5GHz, 1-port, 6/8dBi (need 4x/AP1572E)
AIR-ANT2547VG-N	Antenna, Omni, 2/5GHz, 1-port, 4/7dBi (need 4x/AP1572E)
AIR-ANT2588P3M-N=	Antenna, Directional, 2/5GHz, 3-ports, 8/8dBi (need 1x/AP1572E), 3x Separate cables
AIR-ANT2513P4M-N=	Antenna, Directional, 2/5GHz, 4-ports, 13/13dBi (need 1x/AP1572E), 4x Separate cables
AIR-ANT2480V-N=	Antenna, Omni, 2 GHz, 1-port, 8dBi (need 2x or 4x/AP1572E)
AIR-ANT2450V-N=	Antenna, Omni, 2 GHz, 1-port, 5dBi (need 2x or 4x/AP1572E)
AIR-ANT2413P2M-N=	Antenna, Directional, 2 GHz, 2-ports, 13dBi (need 1x or 2x/AP1572E), cables built-in
AIR-ANT5180V-N=	Antenna, Omni, 5GHz, 1-port, 8dBi (need 2x or 4x/AP1572E)
AIR-ANT5140V-N=	Antenna, Omni, 5GHz, 1-port, 4dBi (need 2x or 4x/AP1572E)
AIR-ANT5114P2M-N=	Antenna, Directional, 5GHz, 2-ports, 14dBi (need 1x or 2x/AP1572E), cables built-in
AIR-ANT-GPS-1	Antenna, GPS
Mounting Kits	
AIR-ACCSMK1570-2	Accessory, Strand-Mount-Kit 2, Tall, approx. 1.7" data cable clearance, for AP1572EC
AIR-ACCSMK1570-3	Accessory, Strand-Mount-Kit 3, Adjustable, approx. 2.7" data cable clearance, for AP1572EC
AIR-ACCPMK1570-1	Accessory, Pole-Mount-Kit 1, Basic, (2-06 inch pole)
AIR-ACCPMK1570-2=	Accessory, Pole-Mount-Kit 2, Advanced, (2-16 inch pole, cobra-arm pole, Wall mount)
AIR-BAND-INST-TL=	Band installation tool (used for PMK2. Need 1x/Installation crew)
AIR-ACCAMK-1=	Accessory, Antenna Mounting Kit (AMK); (used for AIR-ANT2413P2M-N= or AIR-ANT5114P2M-N=)
Fiber-SFP	
AIR-ACC15-SFP-GLD=	Accessory, SFP external Gland/Adaptor, Bag of 5 units, for AP1572EC
GLC-LX-SM-RGD=	1000BaseLX single-mode Rugged SFP, for AP1572EC
GLC-SX-MM-RGD=	1000BaseSX multimode Rugged SFP, for AP1572EC
Accessories	
AIR-ACC15-GLANDS=	Accessory, Metal Cable Glands, Bag of 10 units, for AP1572EC
AIR-ACC15-N-CAP=	Accessory, Cover-cap for N-connector, Bag of 10 units, for AP1572EAC/AP1552E
AIR-ACC15-DC-PLGS=	Accessory, DC-Power plug/connector, Bag of 10 units, for AP1572EC

Product	Description
Part Number	**Description**
RF Cables	
AIR-CAB005LL-N=	RF Cable, 5 ft Low-loss, w/N connectors for AP1572EC
AIR-CAB010LL-N=	RF Cable, 10 ft Low-loss, w/N connectors for AP1572EC
AIR-ACC245LA-N=	Accessory, 2.4 & 5 GHz lightning Arrestor, N-Connector

Notes:

- For official pricings, check the Ordering Tool on the Cisco Web Site
- AP PIDs, "x" represents generic Regulatory Domain (RD). For proper RD assoc. w/ a country, visit: http://www.cisco.com/go/aironet/compliance
- Some accessories can be ordered as an "option" in that they get shipped in the same box package in which the AP is shipped. These items are identified by the absence of an "=" at the end of the PID.

6. Cisco Services

Cisco Technical Services

Table 19 lists Cisco Technical Services for the Aironet 1570 Series Outdoor Access Points.

Table 19. Cisco Technical Services

Service	Description and Features
Cisco Smart Net Total Care™ Service	• Next-business-day, 8 x 5 x 4, 24 x 7 x 4, and 24 x 7 x 2 advance hardware replacement[1] and onsite parts replacement and installation available • Global access to the Cisco Technical Assistance Center (TAC) 24 hours a day • Unrestricted access to the extensive Cisco.com resources, communities, and tools • Ongoing operating system software updates[2] within a software licensed feature set, if any • Proactive diagnostics and real-time alerts on Smart Call Home-enabled devices
Cisco Smart Foundation Service	• Next-business-day advance hardware replacement as available • Business-hours access to SMB Cisco TAC (access levels vary by region) • Access to Cisco.com SMB knowledge base • Online technical resources through Smart Foundation Portal • Operating system software bug fixes and patches, if applicable

[1] Advance hardware replacement is available in various service-level combinations. For example, 8 x 5 x next business day (NBD) indicates that shipment will be initiated during the standard 8-hour business day, 5 days a week (the generally accepted business days within the relevant region), with NBD delivery. Where NBD is not available, same-day shipment is provided. Restrictions apply; please review the appropriate Cisco Smart Net Total Care service descriptions for details.

[2] Cisco operating system updates include maintenance releases, minor updates, and major updates within the licensed feature set, if applicable.

For more information about Cisco Technical Services, visit http://www.cisco.com/go/ts.

Cisco Tools for Quoting and Ordering

To place an order, visit the Cisco ordering website at http://www.cisco.com/en/US/ordering/index.shtml

7. Cisco Capital Financing

The significant benefits offered by the Aironet 1570 Series Outdoor Access Points make them the natural choice for outdoor Wi-Fi connectivity. As with any technology investment, you have to consider the affordability of the new system. Financing from Cisco Capital® can make this easier. Whether through flexible repayments matching expenditure to benefit, mitigating cash flow issues, or negating capital expenditure with an operating lease, we can give you access to the right technology for your business, when you need it.

Flexible Options

Cisco Capital can usually help remove or reduce barriers preventing you from obtaining the technology that can most benefit your business. Cisco Capital can:

- **Remove cash flow issues,** allowing you to spread the cost of your investment over a number of years
- **Offer you flexible repayment terms matching expenditure to benefits,** which means that payments can be timed to coincide with business benefits that may be seen later in the project, or deferred to meet your budget cycle
- **Turn capital expenditures into operating expenditures** through an operating lease that enables you to benefit from the value of the technology up-front
- **Offer you a sale and lease-back arrangement** (where available) that softens the initial costs by taking on existing commitments that may be attached to legacy equipment

For more information about Cisco Capital Financing, visit:
http://www.cisco.com/web/ciscocapital/americas/us/index.html

Americas Headquarters
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Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

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