

Cisco Aironet 1560 Outdoor Access Points

Cisco Aironet® 1560 Series Outdoor Access Points offer the latest 802.11ac Wave 2 functions in a rugged, low-profile housing that service providers and enterprises can deploy easily. Ideal for applications requiring rugged outdoor Wi-Fi coverage, the Cisco Aironet 1560 Series Access Points offer the latest IEEE 802.11ac Wave 2 radio standard in a compact, aesthetically pleasing, easy-to-deploy package. The 1560 Series offers flexible deployment options for service providers, enterprise networks, and public safety networks that need the fastest links possible for mobile, outdoor clients (smartphones, tablets, and laptops) and wireless backhaul. With options for internal or external antennas, the 1560 Series Access Points give network operators the flexibility to balance their desired wireless coverage with their need for easy deployment. The Cisco Aironet 1560 Series is built on the strong base of Cisco® wireless innovations such as:

- Cisco CleanAir® technology for spectrum intelligence
- Cisco ClientLink technology for beamforming
- Radio Resource Management (RRM) for dynamic transmitter channel and power control

Whether deployed as a traditional access point or wireless mesh access point, the Cisco Aironet 1560 Series provides the throughput capacity needed for today's bandwidth-hungry devices.

You can learn more about the Cisco Aironet 1560 Outdoor Access Point on Cisco's website at the following URL:

<http://www.cisco.com/go/ap1560>

For sales and account support, please contact one of Cisco's local account managers:

Kristen Hinton krhinton@cisco.com 601-940-4882

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
1560 Series Outdoor Access Point			
AIR-AP1562I-B-K9	802.11ac W2 Low-Profile Outdoor AP, Internal Ant, B Reg Dom.	2,561.38	1,792.97
CON-SNT-AIRAPBPI	SNTC-8X5XNBD 802.11ac W2 Low-Prof	101.81	101.81
AIR-AP1562E-B-K9	802.11ac W2 Low-Profile Outdoor AP, External Ant, B Reg Dom.	2,721.40	1,904.98
CON-SNT-AIRBAP15	SNTC-8X5XNBD 802.11ac W2 Low-Prof	108.56	108.56
AIR-AP1562D-B-K9	802.11ac W2 Low-Profile Outdoor AP, Direct. Ant, B Reg Dom.	2,702.47	1,891.73
CON-SNT-AIRAPI62	SNTC-8X5XNBD 802.11ac W2 Low-Prof	107.80	107.80
1560 Series Accessories			
AIR-ACC1530-PMK2=	Pole Mount Kit for AP1530 Series with tilt adjustment	306.13	214.29
AIR-ACC1530-PMK1=	Pole Mount Kit for AP1530 Series with tilt adjustment	128.93	90.25
AIR-ACC1560-PMK1=	1530/1560 Pole Mount Kit with Power Adpater Mount	196.20	137.34
AIR-PWRINJ-60RGD1=	Power Injector, 60W, outdoor, North America plug	1,027.92	719.54
AIR-PWRINJ-60RGD2=	Power Injector, 60W, outdoor, unconnectorized	1,027.92	719.54
AIR-PWRINJ-60-PMK=	Pole Mount kit for AIR-PWRINJ-60	205.73	144.01
AIR-PWRINJ6=	Power Injector (802.3at) for Aironet Access Points	208.03	145.62
AIR-PWRADPT-RGD1=	Power Adapter for AP1530/1560 Series, no AC connector	377.10	263.97
AIR-ACC15-SFP-GLD=	Outdoor-AP1570, SFP Port Gland, Bag of 5 units	684.36	479.05
GLC-LX-SM-RGD=	1000Mbps Single Mode Rugged SFP	1,335.28	934.70
GLC-SX-MM-RGD=	1000Mbps Multi-Mode Rugged SFP	672.95	471.07

1560 Series Antennas			
AIR-ACC245LA-N=	2.4 and 5 GHz Lightning Arrestor, N Connector	438.54	306.98
AIR-ACC15-DC-PLGS=	Outdoor-AP, DC-Power connector, Bag of 10 units	117.10	81.97
AIR-ACC15-N-CAP=	Outdoor-AP, Cover-cap for N-connector, Bag of 10 units	117.10	81.97
AIR-ACCAMK-2=	1560 External Directional Antenna Mount Kit	146.59	102.61
AIR-ACC1560-CVR=	Cover and Solar Shield for AP1560 Series	143.06	100.14
AIR-ACC1530-KIT1=	Spare accessory kit for AP1530 Series	436.25	305.38
AIR-ANT2568VG-N=	2.4 GHz 6dBi/5 GHz 8dBi Dual Band Omni Ant., Gray, N conn.	544.00	380.80
AIR-ANT2547VG-N=	2.4 GHz 4dBi/5 GHz 7dBi Dual Band Omni Ant., Gray, N conn.	483.68	338.58
AIR-ANT2547V-N=	2.4 GHz 4dBi/5 GHz 7dBi Dual Band Omni Antenna, N connector	410.35	287.25
AIR-ANT2588P3M-N=	2.4 GHz 8 dBi/5 GHz 8 dBi Directional Ant., 3 port, N conn.	1,240.84	868.59
AIR-ANT2513P4M-N=	2.4 GHz/5 GHz 13 dBi Patch Antenna., 4 port, N conn.	1,950.57	1,365.40
AIR-ANT2450VG-N=	2.4 GHz 5dBi Omni, Vertical Pol. Antenna, Gray, N conn.	235.39	164.77
AIR-ANT2480V-N=	2.4 GHz, 8 dBi Omni with N Connector	542.82	379.97
AIR-ANT2450V-N=	2.4 GHz, 5.0 dBi Omni Ant. with N Connect	225.86	158.10
AIR-ANT2413P2M-N=	2.4 GHz 13 dBi Directional Antenna , 2 port , N connectors	847.78	593.45
AIR-ANT5150VG-N=	5 GHz 5dBi Omni, Vertical Pol. Antenna, Gray, N conn.	235.39	164.77
AIR-ANT5150HG-N=	5 GHz 5dBi Omni, Horizontal Pol. Antenna, Gray, N conn.	235.39	164.77
AIR-ANT5180V-N=	4.9 GHz-5.8 GHz, 8.0 dBi Omni with N Connector	366.61	256.63
AIR-ANT5114P2M-N=	5 GHz 14 dBi Directional Antenna , 2 port , N connectors	846.61	592.63

Cisco Aironet 2800 Series Access Point

Cisco Aironet 2800 Series access points bring 802.11ac Wave 2 functionality to mid- and large-sized enterprises, with many state-of-the-art, industry-leading features. Use these new access points to reduce data bottlenecks and slow speeds in your network. The Aironet 2800 Series offers: 802.11ac Wave 2 support with Multi-User MIMO (MU-MIMO) - Provides better client device performance by delivering data to clients simultaneously.

Flexible Radio Assignment - Optimizes your wireless network for high density conditions in real time. Dual 5-GHz Support - The Cisco Aironet 2800 access points offer two times the scale of 5-GHz mobile devices so you gain a significant increase in performance in high-density environments.

You can learn more about the Cisco Aironet 2800 Series Access Point on Cisco's website at the following URL:

<https://www.cisco.com/c/en/us/products/wireless/aironet-2800-series-access-points/index.html>

For sales and account support, please contact one of Cisco's local account managers:

Kristen Hinton krhinton@cisco.com 601-940-4882

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
2802I Series 802.11ac Dual-Radio Access Point - 2.4 GHz / 5 GHz - (WLAN controller required) - Internal Antennas			
AIR-AP2802I-B-K9	802.11ac W2 AP w/CA; 4x4:3; Int Ant; 2xGbE B	2,171.33	1,519.93
CON-SNT-AIRAPIKB	SMARTnet 8x5xNBD for 2800i access point (dual-band 802.11a/g/n/ac)	86.47	86.47
AIR-AP2802I-BK910	802.11ac W2 10 AP w/CA; 4x4:3; Int Ant; 2xGbE, B Domain	20,734.25	14,513.98
CON-SNT-AIRAP28K	SMARTnet 8x5xNBD for 10-quantity eco-pack 2800i access point (dual-band 802.11a/g/n/ac)	520.00	520.00
2802E Series 802.11ac Dual-Radio Access Point - 2.4 GHz / 5 GHz - (WLAN controller required) - Requires Ext. Antennas (4)			
AIR-AP2802E-B-K9	802.11ac W2 AP w/CA; 4x4:3; Ext Ant; 2xGbE B	2,152.85	1,507.00
CON-SNT-AIRBAP28	SMARTnet 8x5xNBD for 2700e access point (dual-band 802.11a/g/n/ac)	75.00	75.00
AIR-AP2802E-BK910	802.11ac W2 10 AP w/CA; 4x4:3; Ext Ant; 2xGbE, B Domain	21,528.51	15,069.96
CON-SNT-AIRAP2PE	SMARTnet 8x5xNBD for 1- quantity eco-pack 2800e access point (dual-band 802.11a/g/n/ac)	560.00	560.00
2800 Series Antennas (4 Antennas Required Per Access Point)			
AIR-ANT2524DB-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., Blk, RP-TNC	53.23	37.26
AIR-ANT2524DG-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., Gray, RP-TNC	53.23	37.26
AIR-ANT2524DW-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., White, RP-TNC	55.59	38.91
AIR-ANT2535SDW-R	2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna, White, RP-TNC	81.60	57.12
2800 Series Compatible Power Injectors, Spare Power Bricks, Spare Radios, Cables			
AIR-PWRINJ6=	Power Injector (802.3at)	208.03	145.62
AIR-PWR-CORD-NA=	AIR Line Cord North America	23.66	16.56

Cisco Aironet 3800 Series Access Point

The Aironet 3800 Series extends 802.11ac speed and features to a new generation of smartphones, tablets, and high-performance

The Aironet 3800 Series supports 802.11ac Wave 2, providing a theoretical connection rate of up to 5.2 Gbps—that's roughly four times

Building on the Cisco Aironet heritage of RF excellence, the Cisco Aironet 3800 Series Access Points run on a purpose-built, innovative

With two radios built into each access point, the Aironet 3800 Series is more versatile than any access point currently on the market.

You can learn more about the Cisco Aironet 2800 Series Access Point on Cisco's website at the following URL:

<http://www.cisco.com/c/en/us/products/collateral/wireless/aironet-3800-series-access-points/datasheet-c78-736498.html>

For sales and account support, please contact one of Cisco's local account managers:

Kristen Hinton krhinton@cisco.com 601-940-4882

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
3802I Series 802.11ac Dual-Radio Access Point - 2.4 GHz / 5 GHz - (WLAN controller required) - Internal Antennas			
AIR-AP3802I-B-K9	802.11ac W2 AP w/CA; 4x4:3; Mod; Int Ant; mGig B Domain	2,601.09	1,820.76
CON-SNT-AIRPIBK9	SMARTnet 8x5xNBD for 2800i access point (dual-band 802.11a/g/n/ac)	94.80	66.00
AIR-AP3802I-BK910	802.11ac W2 10 pack AP w/CA; 4x4:3; Mod; Int Ant; mGig B Domain	24,863.92	17,404.74
CON-SNT-AIR2BULK	SMARTnet 8x5xNBD for 10-quantity eco-pack 2800i access point (dual-band 802.11a/g/n/ac)	680.00	680.00
3802E Series 802.11ac Dual-Radio Access Point - 2.4 GHz / 5 GHz - (WLAN controller required) - Requires Ext. Antennas (4)			
AIR-AP3802E-B-K9	802.11ac W2 AP w/CA; 4x4:3; Mod; Ext Ant; mGig B Domain	2,560.95	1,792.67
CON-SNT-AIRAP38E	SNTC-8X5XNBD BOM Level AP3800e Bulk PID for -B Domain	94.00	94.00
AIR-AP3802E-BK910	802.11ac W2 10 AP w/CA; 4x4:3; Mod; Ext Ant; mGig B Domain	25,609.46	17,926.62
CON-SNT-AIRP38BU	SNTC-8X5XNBD BOM Level AP3800e Bulk PID for -B Domain	720.00	720.00
3800 Series Antennas (4 Antennas Required Per Access Point)			
AIR-ANT2524DB-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., Blk, RP-TNC	53.23	37.26
AIR-ANT2524DG-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., Gray, RP-TNC	55.59	38.91
AIR-ANT2524DW-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., White, RP-TNC	55.59	38.91
AIR-ANT2535SDW-R	2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna, White, RP-TNC	81.60	57.12
3800 Series Compatible Power Injectors, Spare Power Bricks, Spare Radios, Cables			
AIR-PWRINJ6=	Power Injector (802.3at)	208.03	145.62
AIR-PWR-CORD-NA=	AIR Line Cord North America	23.66	16.56
AIR-CHNL-ADAPTER	T-Rail Channel Adapter for Cisco Aironet Access Points	24.83	17.38

Cisco 9100 AP's

Part Number	Description	List	EPL
Catalyst DNA AP Licenses			
AIR-DNA-E-3Y	Aironet CISCO DNA Essentials 3 Year Term License	\$266.15	\$ 186.31
AIR-DNA-E-5Y	Aironet CISCO DNA Essentials 5 Year Term License	\$443.59	\$ 310.51
AIR-DNA-E-7Y	Aironet CISCO DNA Essentials 5 Year Term License	\$621.02	\$ 434.71
AIR-DNA-A-3Y	Aironet CISCO DNA Advantage Term Licenses	\$656.51	\$ 459.56
AIR-DNA-A-5Y	Aironet CISCO DNA Advantage Term Licenses	\$1,094.17	\$ 765.92
AIR-DNA-A-7Y	Aironet CISCO DNA Advantage Term Licenses	\$1,531.84	\$ 1,072.29
CON-L1SWT-AIRDNAE	CX LEVEL 1 SW SUB Aironet CISCO DNA Es 3 Years	\$27.00	\$ 27.00
CON-L1SWT-AIRDNA	CX LEVEL 1 SW SUB Aironet CISCO DNA Ad	\$75.00	\$ 75.00
Catalyst Access Points			
C9120AXI-B	Cisco Catalyst 9120AX Series	\$2,164.68	\$ 1,515.28
CON-SSSNT-C9120BIX	SOLN SUPP 8X5XNBD Cisco Aironet 9120AX Series (for US)	\$84.00	\$ 84.00
CON-SNT-C9120BIX	SNTC-8X5XNBD Cisco Catalyst 9120AX Series	\$86.00	\$ 86.00
CON-SNT-C9120BIX	SNTC-8X5XNBD Cisco Catalyst 9120AX Series 3 Years	\$258.00	\$ 258.00
AIR-AP1815I-B-K9	Cisco Aironet 1815i Series (for US)	\$532.00	\$ 372.40
CON-SSSNT-AIRAPIBK	SOLN SUPP 8X5XNBD Cisco Aironet 1815i Series (for US)	\$134.35	\$ 134.35
C9115AXI-B	Cisco Catalyst 9115AX Series	\$1,590.99	\$ 1,113.69
CON-SNT-C915AXIB	SNTC-8X5XNBD Cisco Catalyst 9115AX Series	\$63.00	\$ 63.00
CON-SSSNT-C915AXIB	SOLN SUPP 8X5XNBD Cisco Catalyst 9115AX Series	\$77.00	\$ 77.00
C9115AXE-B	Cisco Catalyst 9115AX Series	\$1,715.18	\$ 1,200.63
CON-SNT-C9115BXE	SNTC-8X5XNBD Cisco Catalyst 9115AX Series	\$68.00	\$ 68.00
AIR-ANT2513P4M-N=	2.4 GHz/5 GHz 13 dBi Patch Antenna.,4 port, N conn.	\$1,950.57	\$ 1,365.40
AIR-ANT2566D4M-R=	2.4 GHz 6 dBi/5 GHz 6 dBi 60 Deg. Patch Ant., 4-port, RP-TNC	\$1,181.70	\$ 827.19
AIR-AP3802I-B-K9	802.11ac W2 AP w/CA; 4x4:3; Mod; Int Ant; mGig B Domain	\$2,601.09	\$ 1,820.76
CON-SNT-AIRPIBK9	SNTC-8X5XNBD 80211ac W2 AP w/CA, 4x4:3, Mod Int Ant.	\$94.80	\$ 94.80
AIR-AP3802P-B-K9	802.11ac W2 AP w/CA; 4x4:3; Mod; Pro Ext Ant; mGig B Domain	\$2,241.57	\$ 1,569.10
CON-SNT-AIRP2PBK	SNTC-8X5XNBD 802.11ac W2 AP w/CA; 4x4:3; Mod; Pro Ext	\$89.00	\$ 89.00
DNAS-SEE	DNA Spaces-3 Year	\$6.67	\$ 6.67
C9130AXI-B-EDU	Cisco Catalyst 9130AX Series - EDU	\$2,673.32	\$ 1,871.32
CON-SSSNT-C9130EDI	SOLN SUPP 8X5XNBD Cisco Catalyst 9130AX Series - EDU 3 YR	\$414.00	\$ 414.00
CON-SNT-C9130EDI	SNTC-8X5XNBD Cisco Catalyst 9130AX Series	\$112.00	\$ 112.00
EDU-DNA-E-3Y	CISCO DNA Essential Term Licenses for EDU SKUs - 3 Years	\$266.15	\$ 186.31

MS IT Hardware EPL 3760 - Wireless Components

Document Version: 20220808

Replaced Document Version: 20220721

Updated By: Kristen Hinton

Date: August 8, 2022

C9120AXE-B	Cisco Catalyst 9120AX Series	\$2,282.97	\$	1,598.08
CON-SNT-C120AXE9	SNTC-8X5XNBD Cisco Catalyst 9120AX Series	\$91.00		\$91.00
AIR-ANT2524DW-R=	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., White, RP-TNC	\$55.59	\$	38.91
C9105AXI-B	Cisco Catalyst 9105AX Series	\$881.25		\$616.88
CON-SNT-C9105AIB	SNTC-8x5xNBD Cisco Catalyst 9105AX Series	\$35.00		\$35.00
C9120AXP-B	Cisco Catalyst 9120 Series	\$2,282.97	\$	1,598.08
AIR-CAB010LL-N=	10 ft LOW LOSS CABLE ASSEMBLY W/N CONNECTORS	\$208.03	\$	145.62
C9136I-B	Cisco Catalyst 9136I Series, Internal Antennas,-B Regulator	\$3,009.98	\$	2,106.99
CON-SNT-C9136IBX	SNTC-8X5XNBD Cisco Catalyst 9136I Series, Internal A 1 year	\$120.00		\$120.00
CON-SNT-C9136IBX	SNTC-8X5XNBD Cisco Catalyst 9136I Series, Internal A 3 year	\$360.00		\$360.00
C9124AXI-B	Wi-Fi 6 Outdoor AP, Internal Ant, -B Regulatory Domain	\$3,009.98	\$	2,106.99
CON-SNT-C9124AXI	SNTC-8X5XNBD Wi-Fi 6 Outdoor AP, Internal Ant, -B Reg	\$113.00		\$113.00
C9124AXE-B	Wi-Fi 6 Outdoor AP, External Ant, -B Regulatory Domain	\$2,951.30	\$	2,065.91
CON-SNT-C9BB4AXE	SNTC-8X5XNBD Wi-Fi 6 Outdoor AP, External Ant, -B Reg	\$120.00		\$120.00
AIR-MNT-VERT1	Vertical pole/wall mounting kit for Catalyst Aps	\$117.10	\$	81.97
AIR-ANT2547VG-NS	2.4 GHz 4dBi/5 GHz 7dBi Dual Band Omni Antenna, N connecto	\$519.28	\$	363.50
AIR-ANT2568VG-NS	2.4GHz 6dBi/ 5GHz 8dBi Dual Band Omni Antenna N Connector	\$578.43	\$	404.90
CW9166I-B	Catalyst 9166I AP (W6E, tri-band 4x4, XOR) w/Reg-B	\$2,507.48	\$	1,755.24
CON-SNT-CW911B66	SNTC-8X5XNBD Catalyst 9166I AP (W	\$100.00		\$100.00
CW9164I-B	Catalyst 9164I AP (W6E, tri-band 4x4) w/Reg-B	\$2,507.48	\$	1,755.24
CON-SNT-CW9164IB	SNTC-8X5XNBD Catalyst 9164I AP (W6E, tri-band 4x4) w/	\$88.00		\$88.00

MS IT Hardware EPL 3760 - Wireless Components
Document Version: 20220808
Replaced Document Version: 20220721
Updated By: Kristen Hinton
Date: August 8, 2022

Cisco Wireless LAN Controllers		USD List Price	EPL Price
Cisco Product SKU	Description		
Cisco 5520 Series Wireless LAN Controllers, Accessories, and Capacity Upgrade Licenses			
LIC-CT5520-1A	Cisco 5520 Wireless Controller 1 access point adder l	236.50	165.55
CON-ECMU-LICT5520	SMARTNET 8X5XNBD Cisco 5520 Series Wi	31.00	31.00
AIR-PSU1-770W=	Spare 770W AC Hot-Plug Power Supply for 5520 Coi	962.19	673.53

Cisco 8540 Series Wireless LAN Controllers, Accessories, and Capacity Upgrade Licenses

LIC-CT8540-1A	Cisco 5520 Wireless Controller 1 access point adder l	236.58	165.61
CON-ECMU-LICCT85C	SMARTNET 8X5XNBD Cisco 8540 Series Wi	31.00	31.00

Cisco 9800 Series Wireless LAN Controllers and accessories

C9800-80-K9	Cisco Catalyst 9800-80 Wireless Controller	101,728.11	71,209.68
CON-SNT-C98008KC	SNTC-8X5XNBD Cisco Catalyst 9800-80 Wireless Co	13,159.00	13,159.00
C9800-40-K9	Cisco Catalyst 9800-40 Wireless Controller	50,864.06	35,604.84
CON-SNT-C98004KA	SNTC-8X5XNBD Cisco Catalyst 9800-40 Wireless Co	5,382.00	5,382.00
CON-SNTP-C98004KA	SNTC-24X7X4 Cisco Catalyst 9800-40 Wireless Cont	9,792.00	9,792.00
CON-SNTP-C98004KA	SNTC-24X7X4 Cisco Catalyst 9800-40 Wireless Cont	29,376.00	29,376.00
C9800-L-F-K9	Cisco Catalyst 9800-L Wireless Controller_Fiber Uplin	11,828.85	8,280.20
CON-SNT-C9800LFL	SNTC-8X5XNBD Cisco Catalyst 9800-L Wireless Con	1,607.00	1,607.00
C9800-L-C-K9	Cisco Catalyst 9800-L Wireless Controller_Copper Up	11,828.85	8,280.20
CON-SNT-C9800LCL	SNTC-8X5XNBD Cisco Catalyst 9800-L Wireless Con	1,413.00	1,413.00
LIC-C9800L-PERF	Cisco C9800 Series WLC Upgrade license	11,811.20	8,267.84
C9800-CL-K9	Cisco Catalyst 9800-CL Wireless Controller for Cloud	-	0.00
CON-ECMUS-C9800CLC	SOLN SUPP SWSS Cisco Catalyst 9800-CL Wireless	185.00	185.00
C9800L-RMNT	C9800 Wireless Controller Rack Mount Tray	266.15	186.31
C9800L-RMNT=	C9800 Wireless Controller Rack Mount Tray	266.15	186.31
C9800-10X10G	Cisco Catalyst 9800-80 10GE Module	8,279.01	5,795.31
C9800-10X10GE=	Cisco Catalyst 9800-80 10GE Module	8,279.01	5,795.31
C9800-2X40GE	Cisco Catalyst 9800-80 2 Port 40GE Module	8,279.01	5,795.31
C9800-2X40GE=	Cisco Catalyst 9800-80 2 Port 40GE Module	8,279.01	5,795.31
C9800-18X1GE	Cisco Catalyst 9800-80 1GE Module	6,622.97	4,636.08
C9800-18X1GE=	Cisco Catalyst 9800-80 1GE Module	6,622.97	4,636.08
C9800-1X100GE	Cisco Catalyst 9800-80 1 port 100GE Module	8,279.01	5,795.31
C9800-1X100GE=	Cisco Catalyst 9800-80 1 port 100GE Module	8,279.01	5,795.31
C9800-1X40GE	Cisco Catalyst 9800-80 1 port 40GE Module	6,622.97	4,636.08
C9800-1X40GE=	Cisco Catalyst 9800-80 1 port 40GE Module	6,622.97	4,636.08
C9800-AC-750W-R	Cisco Catalyst 9800-40 750 AC Power Supply Revers	1,181.70	827.19
C9800-AC-750W-R=	Cisco Catalyst 9800-40 750 AC Power Supply Revers	1,181.70	827.19
C9800-AC-750W-RED	Cisco Catalyst 9800-40 750W AC Power Supply, Rev	1,181.70	827.19
C9800-AC-750W-RED=	Cisco Catalyst 9800-40 750W AC Power Supply, Rev	1,181.70	827.19
EDU-C9800-CL-K9	Cisco Catalyst 9800-CL Wireless Controller for Cloud	-	0.00
CON-ECMU-EDUC98C(SOLN SUPP SWSS Cisco Catalyst 9800-CL Wireless	150.00	150.00

Cisco Aironet 1850 Series Wireless Access Points

Cisco's next generation access point supporting 802.11ac Wave 2 with 4x4 MIMO with four spatial streams

Ideal for small- to medium-sized networks

Supports MU-MIMO with three spatial streams for Wave 2 clients

Supports Cisco Mobility Express Solution for networks under 25 access points

Transmit beam-forming for a better client experience

Flexible deployment modes.

Controller-based deployments support small and medium networks

Integrated and external antenna models are available for various deployment environments

For solutions of up to 25 access points, Cisco Mobility Express Solution provides an easy-to-set-up solution that does not require a controller app. Better Wi-Fi coverage and performance with the latest Wi-Fi technology.

Supports 802.11ac Wave 2 (dual radio, 80 MHz channel size) and 4X4 MIMO

Improved client performance with multi-user multiple input and multiple output (MU-MIMO).

Get MU-MIMO with three spatial streams for 802.11ac Wave 2 clients

Transmit beam-forming for a better client experience

The 1850 Series provides two Gigabit Ethernet ports to support Link Aggregation Group (LAG).

You can learn more about the Cisco Aironet 1850 Series Access Point on Cisco's website at the following URL:

<http://www.cisco.com/c/en/us/products/wireless/aironet-1850-series-access-points/index.html>

For sales and account support, please contact one of Cisco's local account managers:

Kristen Hinton krhinton@cisco.com 601-940-4882

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	
Cisco Aironet 1850 Series			
AIR-AP1852E-B-K9	802.11ac Wave 2; 4x4:4SS; Ext Ant; B Reg Dom	1,648.01	1,153.61
CON-SNT-AIRAP52E	CON-SNT for AIR1850 Series Products	65.33	65.33
AIR-AP1852I-B-K9	802.11ac Wave 2; 4x4:4SS; Int Ant; B Reg Dom	1,519.11	1,063.38
CON-SNT-AIRAP18K	CON-SNT for AIR1850 Series Products	60.97	60.97
Cisco Aironet 1830 Series			
AIR-AP1832I-B-K9	802.11ac Wave 2; 3x3:2SS; Int Ant; B Reg Domain	1,057.71	740.40
CON-SNT-AIR1IAKP	CON-SNT for AIR1830 Series Products	42.55	42.55
Cisco Aironet 1810 Series			
AIR-AP1815W-B-K9	Cisco Aironet 1815w Series	474.06	331.84
CON-SNT-AIRWP18	SNTC 8X5XNBD Cisco Aironet 1515w Series	41.25	32.00
AIR-PWR-C=	PwrSpplly:100-240VAC,48VDC:AP1130,1140,1240,1260,1300,3500	101.62	71.13

Cisco Meraki Cloud Based Wireless Products

Cisco Meraki access points are built from the highest grade components and carefully optimized for a seamless user experience. The outcome: faster connections, greater user capacity, more coverage, and fewer support calls.

The Entire Network Under A Single Pane Of Glass

Powerful and intuitive multi-site management via the cloud, while eliminating the cost and complexity of traditional on-site wireless controllers. The Cisco Meraki dashboard gives visibility into the network users, their devices, and their applications. Armed with rich analytics, administrators can quickly create access control and application usage policies, optimizing both the end-user experience and network security.

Built for Performance

Enterprise-class 802.11ac and 802.11n APs feature high power radios and enhanced receive sensitivity. MIMO and integrated beamforming maximize capacity without sacrificing range. Features include: Enhanced CPU for line-rate deep packet inspection - Flash memory provisioned for cloud management - Custom RF design for enhanced performance

Cisco Meraki Cloud Managed Indoor Access Points

802.11n and 802.11ac indoor access points ranging from value-priced to high-performance models for high-density Enterprise-grade security with guest access and BYOD support built in
 Integrated application traffic shaping to prioritize critical apps and throttles, or to block unwanted apps
 Built-in wireless intrusion detection and protection services, mesh routing, Power over Ethernet support, and more

Cisco Meraki Cloud-Managed Outdoor Access Points

802.11n outdoor access points designed for harsh, rugged, and outdoor environments (IP-67 rated)
 Enterprise-grade security with guest access and BYOD support built-in
 Integrated application traffic shaping prioritizes critical apps, throttles or blocks unwanted apps
 Built-in WIDS/WIPS, mesh routing, PoE support, and more Compatible with N-type external antennas
 Compatible with N-type external antennas

You can learn more about the Cisco Meraki Cloud Based Products on Cisco's website at the following URL:

<https://meraki.cisco.com/products/wireless/?ref=16n0xPN>

For sales and account support, please contact one of Cisco's local account managers:

Kristen Hinton Krhinton@cisco.com 601-940-4882

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
Cisco Meraki MR Series (Wireless) and CW Series			
MR46-HW	Meraki MR46 Wi-Fi 6 Indoor AP	\$ 1,886.71	1,320.70
MR44-HW	Meraki MR44 Wi-Fi 6 Indoor AP	\$ 1,537.75	1,076.43
MR30H-HW	Meraki MR30H Cloud Managed AP	708.55	495.99
MR56-HW	Meraki MR56 Cloud Managed AP	2,359.86	1,651.90
MR70-HW	Meraki Mr70 Cloud Managed AP	1,299.99	909.99
MR76-HW	Meraki MR76 Wi-Fi 6 Outdoor AP	2,081.88	1,457.32
MR86-HW	Meraki MR86 Wi-Fi 6 Outdoor AP	2,898.07	2,028.65
MR36-HW	Meraki MR36 Wi-Fi 6 Indoor AP	946.31	662.42
MR36H-HW	Meraki MR36H Wi-Fi 6 Indoor AP	946.31	662.42
CW9166I-MR	Catalyst 9166I AP (W6E, tri-band 4x4) w/MERAKI	2,507.48	1,755.24
CW9164I-MR	Catalyst 9166I AP (W6E, tri-band 4x4) w/MERAKI	2,205.98	1,544.19

Cisco Meraki MR Series (Licensing and Accessories)

LIC-ENT-10YR	Meraki MR Enterprise License and Support, 10 Year	1,063.01	744.11
LIC-ENT-7YR	Meraki MR Enterprise License and Support, 7 Year	744.11	520.88
LIC-ENT-5YR	Meraki MR Enterprise License and Support, 5 Year	531.50	372.05
LIC-ENT-3YR	Meraki MR Enterprise License and Support, 3 Year	354.34	248.04
LIC-ENT-1YR	Meraki MR Enterprise License and Support, 1 Year	177.17	124.02
LIC-MR-ADV-5Y	Meraki MR Advanced License and Support, 5 Year	1,063.01	744.11
MA-ANT-20	Meraki Dual-band Omni Antennas	235.39	164.77
MA-ANT-25	Meraki Dual Band Patch Antenna	412.82	288.97
MA-ANT-27	Meraki Dual Band Patch Antenna	412.82	288.97
MA-PWR-CORD-US	Meraki AC Power Cord for MX and MS (US Plug)	28.06	19.64
MA-INJ-4	Meraki MR 802.3at PoE Injector (power cord not included)	152.59	106.81
MA-MNT-CLG-1	Meraki T-Rail Channel Adapter Mount Kit	29.58	20.71

Cisco Meraki MX Series (Cloud Managed Secure Guest Wireless Controller)

MX68-HW	Meraki MX68 Cloud Managed Secure Guest Wireless Controller	1,176.98	823.89
MX75-HW	Meraki MX75 Cloud Managed Secure Guest Wireless Controller	2,359.86	1,651.90
MX85-HW	Meraki MX85 Cloud Managed Secure Guest Wireless Controller	2,951.30	2,065.91
MX95-HW	Meraki MX95 Cloud Managed Secure Guest Wireless Controller	5,908.52	4,135.96
MX105-HW	Meraki MX105 Cloud Managed Secure Guest Wireless Controller	8,865.73	6,206.01
MX250-HW	Meraki MX250 Cloud Managed Secure Guest Wireless Controller	13,124.11	9,186.88
MX450-HW	Meraki MX450 Cloud Managed Secure Guest Wireless Controller	26,254.14	18,377.90
MA-PWR-150WAC	Meraki MX95 MX105 Replacement Power Adapter (150 WAC)	414.01	289.81
MA-RCKMNT-KIT-1	Meraki MX Rackmount	118.29	82.80
MA-CBL-TA-3M	Meraki 10 GbE Twinax Cable with SFP+ Modules, 3 Meter	195.09	136.56

Cisco Meraki MX Series (Licensing and Accessories)

LIC-MX68-ENT-1YR	Meraki MX68 Enterprise License and Support, 1YR	413.94	289.76
LIC-MX68-ENT-3YR	Meraki MX68 Enterprise License and Support, 3 Years	827.89	579.52
LIC-MX68-ENT-5YR	Meraki MX68 Enterprise License and Support, 5 Years	1,241.83	869.28
LIC-MX68-ENT-7YR	Meraki MX68 Enterprise License and Support, 7 Years	1,738.56	1,216.99
LIC-MX68-ENT-10YR	Meraki MX68 Enterprise License and Support, 10 Years	2,483.66	1,738.56
LIC-MX68-SEC-1YR	Meraki MX68 Advanced Security License and Support, 1 Year	827.89	579.52
LIC-MX68-SEC-3YR	Meraki MX68 Advanced Security License and Support, 3 Years	1,655.78	1,159.05
LIC-MX68-SEC-5YR	Meraki MX68 Advanced Security License and Support, 5 Years	2,483.66	1,738.56
LIC-MX68-SEC-7YR	Meraki MX68 Advanced Security License and Support, 7 Years	3,477.13	2,433.99
LIC-MX68-SEC-10YR	Meraki MX68 Advanced Security License and Support, 10 Years	4,967.33	3,477.13
LIC-MX75-ENT-1YR	Meraki MX75 Enterprise License and Support, 1 Year	1,103.85	772.70
LIC-MX75-ENT-3YR	Meraki MX75 Enterprise License and Support, 3 Years	2,207.70	1,545.39
LIC-MX75-ENT-5YR	Meraki MX75 Enterprise License and Support, 5 Years	3,311.55	2,318.09
LIC-MX75-ENT-7YR	Meraki MX75 Enterprise License and Support, 7 Years	4,636.17	3,245.32
LIC-MX75-ENT-10YR	Meraki MX75 Enterprise License and Support, 10 Years	6,623.10	4,636.17
LIC-MX75-SEC-1YR	Meraki MX75 Advanced Security License and Support, 1 Year	2,207.70	1,545.39
LIC-MX75-SEC-3YR	Meraki MX75 Advanced Security License and Support, 3 Years	4,415.40	3,090.78
LIC-MX75-SEC-5YR	Meraki MX75 Advanced Security License and Support, 5 Years	6,623.10	4,636.17
LIC-MX75-SEC-7YR	Meraki MX75 Advanced Security License and Support, 7 Years	9,272.34	6,490.64
LIC-MX75-SEC-10YR	Meraki MX75 Advanced Security License and Support, 10 Years	13,246.20	9,272.34
LIC-MX85-ENT-1YR	Meraki MX85 Enterprise License and Support, 1 Year	1,379.81	965.87
LIC-MX85-ENT-3YR	Meraki MX85 Enterprise License and Support, 3 Year	2,759.63	1,931.74
LIC-MX85-ENT-5YR	Meraki MX85 Enterprise License and Support, 5 Year	4,139.44	2,897.61
LIC-MX85-ENT-7YR	Meraki MX85 Enterprise License and Support, 7 Year	5,795.21	4,056.65
LIC-MX85-ENT-10YR	Meraki MX85 Enterprise License and Support, 10 Year	8,278.88	5,795.22
LIC-MX85-SEC-1YR	Meraki MX85 Advanced License and Support, 1 Year	2,759.63	1,931.74

LIC-MX85-SEC-3YR	Meraki MX85 Advanced License and Support, 3 Year	5,519.25	3,863.48
LIC-MX85-SEC-5YR	Meraki MX85 Advanced License and Support, 5 Year	8,278.88	5,795.22
LIC-MX85-SEC-7YR	Meraki MX85 Advanced License and Support, 7 Year	11,590.43	8,113.30
LIC-MX85-SEC-10YR	Meraki MX85 Advanced License and Support, 10 Year	16,557.75	11,590.43
LIC-MX95-ENT-1YR	Meraki MX95 Enterprise License and Support, 1 Year	2,759.63	1,931.74
LIC-MX95-ENT-3YR	Meraki MX95 Enterprise License and Support, 3 Years	5,519.25	3,863.48
LIC-MX95-ENT-5YR	Meraki MX95 Enterprise License and Support, 5 Years	8,278.88	5,795.22
LIC-MX95-ENT-7YR	Meraki MX95 Enterprise License and Support, 7 Years	11,590.43	8,113.30
LIC-MX95-ENT-10YR	Meraki MX95 Enterprise License and Support, 10 Years	16,557.75	11,590.43
LIC-MX95-SEC-1YR	Meraki MX95 Advanced Security License and Support, 1 Year	5,519.25	3,863.48
LIC-MX95-SEC-3YR	Meraki MX95 Advanced Security License and Support, 3 Year	11,038.50	7,726.95
LIC-MX95-SEC-5YR	Meraki MX95 Advanced Security License and Support, 5 Year	16,557.75	11,590.43
LIC-MX95-SEC-7YR	Meraki MX95 Advanced Security License and Support, 7 Year	23,180.85	16,226.60
LIC-MX95-SEC-10YR	Meraki MX95 Advanced Security License and Support, 10 Year	33,115.50	23,180.85
LIC-MX105-ENT-1YR	Meraki MX105 Enterprise License and Support, 1 Year	4,139.44	2,897.61
LIC-MX105-ENT-3YR	Meraki MX105 Enterprise License and Support, 3 Years	8,278.88	5,795.22
LIC-MX105-ENT-5YR	Meraki MX105 Enterprise License and Support, 5 Years	12,418.31	8,692.82
LIC-MX105-ENT-7YR	Meraki MX105 Enterprise License and Support, 7 Years	17,385.64	12,169.95
LIC-MX105-ENT-10YR	Meraki MX105 Enterprise License and Support, 10 Years	24,836.63	17,385.64
LIC-MX105-SEC-1YR	Meraki MX105 Advanced Security License and Support, 1 Year	8,278.88	5,795.22
LIC-MX105-SEC-3YR	Meraki MX105 Advanced Security License and Support, 3 Years	16,557.75	11,590.43
LIC-MX105-SEC-5YR	Meraki MX105 Advanced Security License and Support, 5 Years	24,836.63	17,385.64
LIC-MX105-SEC-7YR	Meraki MX105 Advanced Security License and Support, 7 Years	34,771.28	24,339.90
LIC-MX105-SEC-10YR	Meraki MX105 Advanced Security License and Support, 10 Years	49,673.25	34,771.28
LIC-MX250-ENT-1YR	Meraki MX250 Enterprise License and Support, 1YR	5,519.25	3,863.48
LIC-MX250-ENT-3YR	Meraki MX250 Enterprise License and Support, 3YR	11,038.50	7,726.95
LIC-MX250-ENT-5YR	Meraki MX250 Enterprise License and Support, 5YR	16,557.75	11,590.43
LIC-MX250-ENT-7YR	Meraki MX250 Enterprise License and Support, 7YR	23,180.85	16,226.60
LIC-MX250-ENT-10YR	Meraki MX250 Enterprise License and Support, 10YR	33,115.50	23,180.85
LIC-MX250-SEC-1YR	Meraki MX250 Advanced Security License and Support, 1YR	11,038.50	7,726.95
LIC-MX250-SEC-3YR	Meraki MX250 Advanced Security License and Support, 3YR	22,077.00	15,453.90
LIC-MX250-SEC-5YR	Meraki MX250 Advanced Security License and Support, 5YR	33,115.50	23,180.85
LIC-MX250-SEC-7YR	Meraki MX250 Advanced Security License and Support, 7YR	46,361.70	32,453.19
LIC-MX250-SEC-10YR	Meraki MX250 Advanced Security License and Support, 10YR	66,231.00	46,361.70
LIC-MX450-ENT-1YR	Meraki MX450 Enterprise License and Support, 1YR	11,038.50	7,726.95
LIC-MX450-ENT-3YR	Meraki MX450 Enterprise License and Support, 3YR	22,077.00	15,453.90
LIC-MX450-ENT-5YR	Meraki MX450 Enterprise License and Support, 5YR	33,115.50	23,180.85
LIC-MX450-ENT-7YR	Meraki MX450 Enterprise License and Support, 7YR	46,361.70	32,453.19
LIC-MX450-ENT-10YR	Meraki MX450 Enterprise License and Support, 10YR	66,231.00	46,361.70
LIC-MX450-SEC-1YR	Meraki MX450 Advanced Security License and Support, 1YR	22,077.00	15,453.90
LIC-MX450-SEC-3YR	Meraki MX450 Advanced Security License and Support, 3YR	44,154.00	30,907.80
LIC-MX450-SEC-5YR	Meraki MX450 Advanced Security License and Support, 5YR	66,231.00	46,361.70
LIC-MX450-SEC-7YR	Meraki MX450 Advanced Security License and Support, 7YR	92,723.40	64,906.38
LIC-MX450-SEC-10YR	Meraki MX450 Advanced Security License and Support, 10YR	132,462.00	92,723.40