



Access Point Tech Specs References

Access Point Data Sheet

The detailed technical specifications for the Cisco Aironet 1570 Series Outdoor Access Points are available at the following URL:

<http://www.cisco.com/c/dam/en/us/products/collateral/wireless/aironet-1570-series/datasheet-c78-732348.pdf>

You can also download a copy of the *Cisco Aironet 1570 Series Outdoor Access Point Data Sheet* from the above URL for offline use.

Radio Channels and Power Levels

For channel and maximum power level settings, refer to the *Channels and Maximum Power Settings for Cisco Aironet Lightweight Access Points and Bridges* document available at:

<http://www.cisco.com/c/en/us/support/wireless/aironet-1570-series/products-installation-guides-list.html>

Power Distribution Budget

Table A-1 lists the power distribution budget for AP1572IC access point configurations.

Table A-1 Power Distribution Budget for the AP1572IC Access Point

Condition	Typical Power (Watts)	Maximum Power (Watts)
Power using power-over-cable (90V)	38	41
Power using 12VDC input	31	36
With SFP	26	28

Table A-2 lists the power distribution budget for AP1572EC access point configurations.

Table A-2 Power Distribution Budget for AP1572EC Access Point

Condition	Typical Power (Watts)	Absolute Max Power (Watts)
Power using power-over-cable (90V)	38	42
Power using 12 VDC input	31	35
With SFP	26	30
With 30W PoE-out	76	80

Table A-3 lists the power distribution budget for AP1572EAC access point configurations.

Table A-3 Power Distribution Budget for AP1572EAC Access Point

Condition	Typical Power (Watts)	Absolute Max Power (Watts)
Power using AC input (100VAC)	25	31
Power using AC input (277VAC)	25	31
Power using 12VDC input	20	24
Power using PoE input (injector or UPoE, 42-57V)	23	27
With SFP, AC power	24	28
With 30W PoE-out, AC power	65	72

Access Point Operating Temperature Specifications

Temperature Condition	Value
Operating Temperature Range	-40 to 65°C (-40 to 149°F) without solar loading
Maximum Operating Temperature for AP1572EC, with: <ul style="list-style-type: none"> • PoE-Out active • Cable Modem active • Full throughput on all Tx channels • Mounted horizontally Maximum solar loading • Deployed in a high-power regulatory domain 	45°C (AP will be fully operational with 4Tx) If temperature continues to increase, the number of transmitters is decreased to 2Tx, and then to 1Tx at 55°C.
Maximum Operating Temperature for: <ul style="list-style-type: none"> • AP1572IC, AP1572EAC • AP1572EC without all features active, or mounted vertically (aids better air flow over the radiating fins on the back of the AP) 	> 45°C

