



HPE Aruba Networking 580EX Series Hazardous Location Access Points

Very high performance Wi-Fi 6 (802.11ax) for outdoor and hazardous location environments



Table 1. Select access point

Part number	Description
HPE Aruba Networking 580EX Series Hazardous Location Access Points	
S5E01A	HPE Aruba Networking AP-585EX (ID) Dual Radio 4x4 802.11ax Internal Omni Antennas HazLoc AP
R7T29A	HPE Aruba Networking AP-585EX (US) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
R7T30A	HPE Aruba Networking AP-585EX (RW) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
R7T31A	HPE Aruba Networking AP-585EX (EG) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
R7T32A	HPE Aruba Networking AP-585EX (IL) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
R7T33A	HPE Aruba Networking AP-585EX (JP) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
S5E02A	HPE Aruba Networking AP-587EX (ID) Dual Radio 4x4 802.11ax Internal Directional Ants HazLoc AP
R7T34A	HPE Aruba Networking AP-587EX (US) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
R7T35A	HPE Aruba Networking AP-587EX (RW) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
R7T36A	HPE Aruba Networking AP-587EX (EG) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
R7T37A	HPE Aruba Networking AP-587EX (IL) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
R7T38A	HPE Aruba Networking AP-587EX (JP) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP

Table 2. Add mounting bracket

Part number	Description
R9H97A	AP-OUT-MNT-V1A Outdoor Pole/Wall Long Mount Kit
JW054A	AP-270-MNT-H1 AP-270 Series Outdoor AP Hanging or Tilt Install Mount Kit
JW055A	AP-270-MNT-H2 AP-270 Series Access Flush Wall or Ceiling Mount
R6W11A	AP-270-MNT-H3 AP-270 Series Outdoor AP Hanging or Dual-Tilt Install Mount Kit

The V1A bracket is most commonly used with AP-584/585. The H1, H2, and H3 brackets are most commonly used to wall mount an AP-587 or to hang the AP-584/585 from a horizontal surface. The AP-270-MNT-V2 is not supported.

Table 3. Add PoE powering accessories for units to be PoE powered

Part number	Description
R1C73A	AP-POE-BTSR 1-Port Smart Rate 802.3bt 60W Indoor Midspan Injector
R7T40A	PD-9501-5GCO-AC 60W 802.3bt Smart Rate Outdoor Surge Protection Midspan Injector
R7T41A	PD-9501-5GCO-DC 60W 802.3bt Smart Rate Outdoor Surge Protection Midspan Injector

None of the above outdoor power injectors are HazLoc rated, they must be installed in nonprotected areas. Recommend using shielded twisted pair (STP) Ethernet cable for all Ethernet connections for proper surge protection.



Table 4. Add mounting kit for outdoor PoE midspan injector (optional)

Part number	Description
JW620A	PD-MOUNT-OD Outdoor PoE Midspan Injectors Pole/Mast Mount Kit

Table 5. Select 3-prong AC power cord for indoor PoE injector

Part number	Description
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	PC-AC-AUS Australian AC Power Cord
JW115A	PC-AC-BR Brazil AC Power Cord
JW116A	PC-AC-CHN China AC Power Cord
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	PC-AC-IN India AC Power Cord
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	PC-AC-IT Italian AC Power Cord
JW122A	PC-AC-JP Japanese AC Power Cord
JW123A	PC-AC-KOR Korea AC Power Cord
JW124A	PC-AC-NA North America AC Power Cord
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord
JW126A	PC-AC-TW Taiwan AC Power Cord
JW127A	PC-AC-UK UK AC Power Cord
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord

Table 6. Add outdoor power cable kit for units to be powered from AC (110/220V)

Part number	Description
R9E56A	HPE Aruba Networking Outdoor AP-AC-MLX-EX Outdoor Molex AC Power Connector Kit

The AP-AC-MLX-EX is an assembly kit including a HazLoc compliant cable gland, power cable type is installer supplies, should use outdoor rated, UV stabilized AC power cable. Check the installation guide for more details. Any site-specific HazLoc requirements may require additional third-party components.



Ordering guide

Table 7. Add SFP for fiber connection (optional)

Part number	Description
JL780A	HPE Aruba Networking 1G I-Tmp SFP LC SX 500m MMF XCVR
JL781A	HPE Aruba Networking 1G I-Tmp SFP LC LX 10km SMF XCVR
JL782A	HPE Aruba Networking 10G I-Tmp SFP+ LC SR 300m MMF XCVR
JL783A	HPE Aruba Networking 10G I-Tmp SFP+ LC LR 10km SMF XCVR
R7L09A	CKIT-EX-OD-SFP Outdoor HazLoc SFP Fiber Strain Relief

R7L09A is required if using SFP or SFP+ on AP-580EX. CKIT-EX-OD-SFP is an SFP strain relief kit that includes a HazLoc certified Ethernet gland and extension tube.

Table 8. Spares (optional)


Part number	Description
Q8N47A	Outdoor AP Covers and Glands 1-pk M25/5-pk M20 Cover/2-pk M16 Cover/5-pk M20 Gland/2-pk Ground Kit

This kit is a replacement kit for missing or lost gland covers, nonHazLoc Ethernet glands, and spare grounding lugs. Q8N47A does not include HazLoc glands. If replacements are needed, they must be sourced from a certified third party.

Learn more at

[HPE.com/us/en/Aruba-access-points.html](https://hpe.com/us/en/Aruba-access-points.html)

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