



# **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 AP-580EX Chassis

Part number	Description
<b>AP-580EX Series Unified Outdoor access points</b>	
<b>R7T29A</b>	HPE Aruba Networking AP-585EX (US) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
<b>R7T30A</b>	HPE Aruba Networking AP-585EX (RW) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
<b>R7T31A</b>	HPE Aruba Networking AP-585EX (EG) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
<b>R7T32A</b>	HPE Aruba Networking AP-585EX (IL) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
<b>R7T33A</b>	HPE Aruba Networking AP-585EX (JP) Dual Radio 4x4:4 802.11ax Internal Omni Antennas Unified HazLoc AP
<b>R7T34A</b>	HPE Aruba Networking AP-587EX (US) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
<b>R7T35A</b>	HPE Aruba Networking AP-587EX (RW) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
<b>R7T36A</b>	HPE Aruba Networking AP-587EX (EG) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
<b>R7T37A</b>	HPE Aruba Networking AP-587EX (IL) Dual Radio 4x4:4 802.11ax Internal Directional Antennas Unified HazLoc AP
<b>R7T38A</b>	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
<b>R9H97A</b>	AP-OUT-MNT-V1A Outdoor Pole/Wall Long Mount Kit
<b>JW054A</b>	AP-270-MNT-H1 AP-270 Series Outdoor AP Hanging or Tilt Install Mount Kit
<b>JW055A</b>	AP-270-MNT-H2 AP-270 Series Access Flush Wall or Ceiling Mount
<b>R6W11A</b>	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
<b>R1C73A</b>	AP-POE-BTSR 1-Port Smart Rate 802.3bt 60W Indoor Midspan Injector
<b>R7T40A</b>	PD-9501-5GCO-AC 60W 802.3bt Smart Rate Outdoor Surge Protection Midspan Injector
<b>R7T41A</b>	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 non-protected 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 3rd party components.



## Ordering guide

**Table 7.** Add SFP for Fiber Connection (optional)

Part number	Description
<b>JL780A</b>	HPE Aruba Networking 1G I-Tmp SFP LC SX 500m MMF XCVR
<b>JL781A</b>	HPE Aruba Networking 1G I-Tmp SFP LC LX 10km SMF XCVR
<b>JL782A</b>	HPE Aruba Networking 10G I-Tmp SFP+ LC SR 300m MMF XCVR
<b>JL783A</b>	HPE Aruba Networking 10G I-Tmp SFP+ LC LR 10km SMF XCVR
<b>R7L09A</b>	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 of items that are shipped with the Chassis (optional)

Part number	Description
<b>Q8N47A</b>	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, non-HazLoc Ethernet glands, and spare grounding lugs. Q8N47A does not include HazLoc glands. If replacements are needed, they must be sourced from a certified 3rd party.

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