

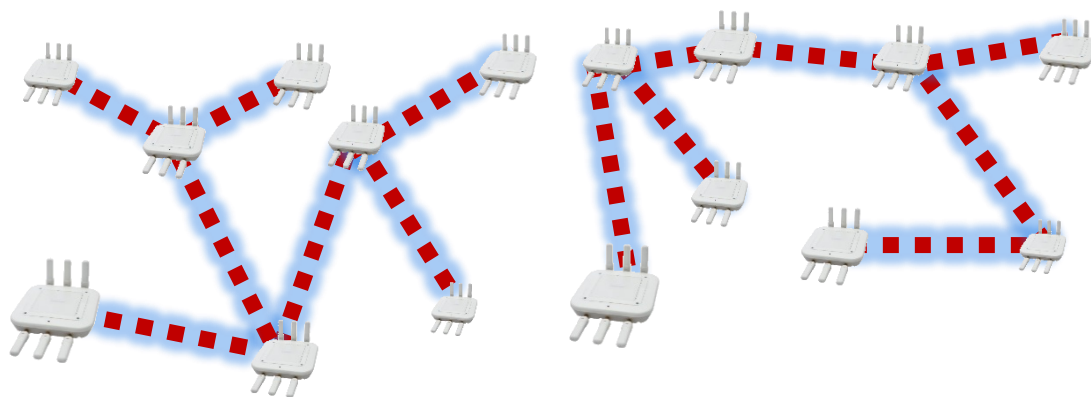


Wireless Smart Network

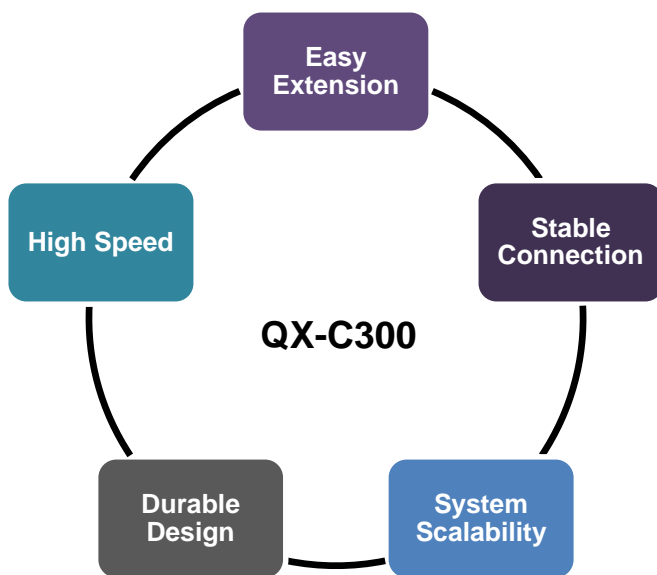
Wireless Backhaul Access Point QX-C300 Series

for Japan domestic market

Suggested retail price: 335,000 JP Yen + tax



New information service will be implemented in smart network society by high-speed wireless LAN environment

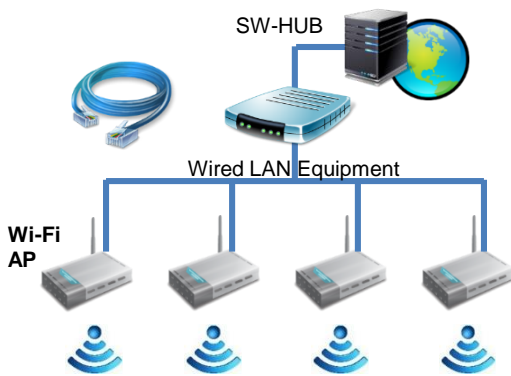


■ High-speed, Stable & Smooth Network Connection made possible by Wireless Backhaul Access Point

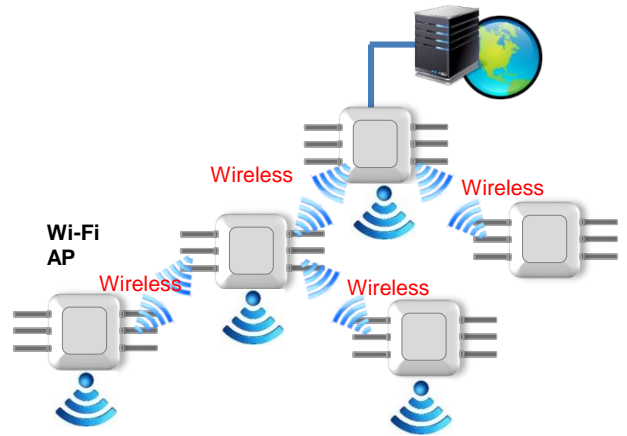
- IEEE802.11ac (3x3 MIMO), High-speed Data Transfer
- 1.3Gbps Link Speed (max): Approx 3X (max) speed of IEEE802.11n Access Point (*)
- 4.9GHz Model Available (Less Radio Wave Interference):
Total of 4 models available to support customers use cases.
- Concurrent Connection: Up to 126 units per 1 Access Point
- Flexible Relocation and Extension of Access Points

(*) : theoretical value

Conventional Wire Backhaul Network Connection



Sharp Wireless Backhaul Network Connection

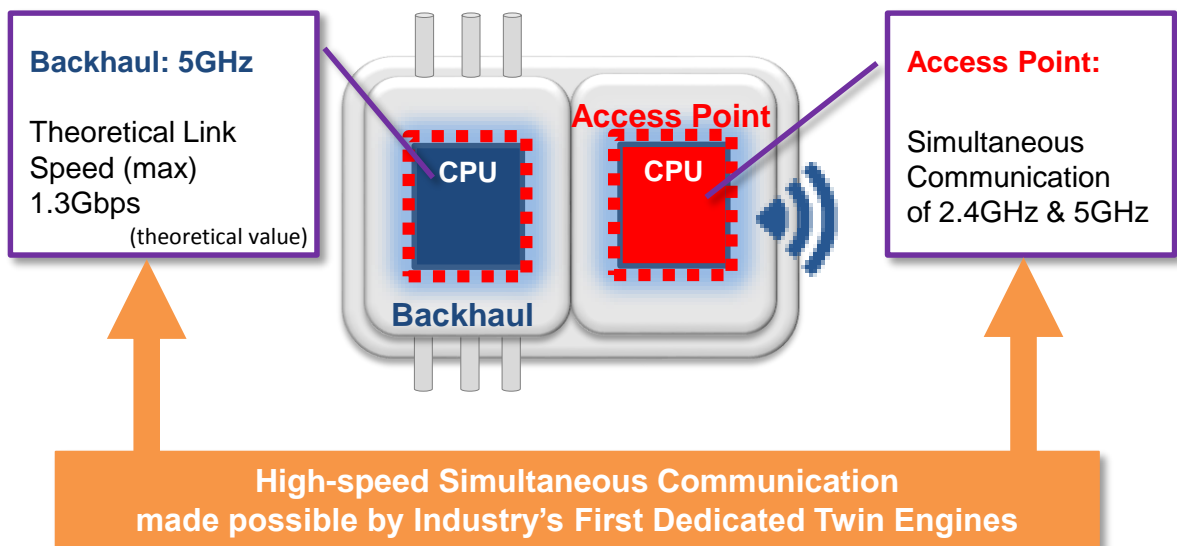


LAN cable wiring to Access Point is necessary in conventional network installation. Wireless Backhaul technology will not require such wiring, and will realize flexible wireless LAN network installation.

■ High-speed Connection & Low Throughput Degradation made possible even in Multiple Hopping

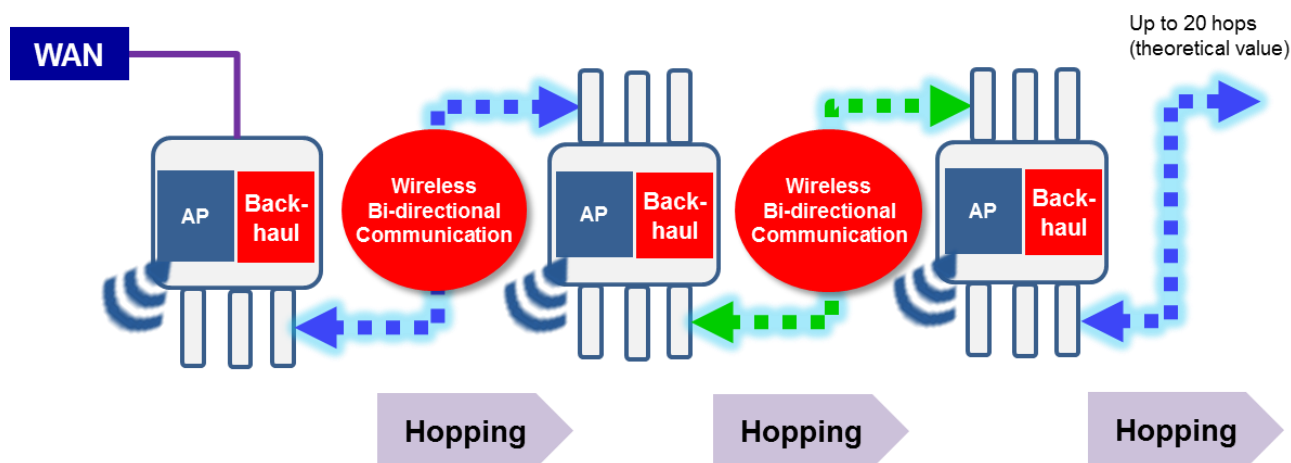
Maintaining High-speed Connection with Low Degradation in Multiple Hopping (up to 20 Hops (theoretical value))

Dedicated High-speed Engine is incorporated in each of Access Point and Backhaul



Independent Dedicated RF Module is incorporated for each of Up Link and Down Link

Multi-channel Wireless Backhaul, allocating individual channel to multiple backhaul links



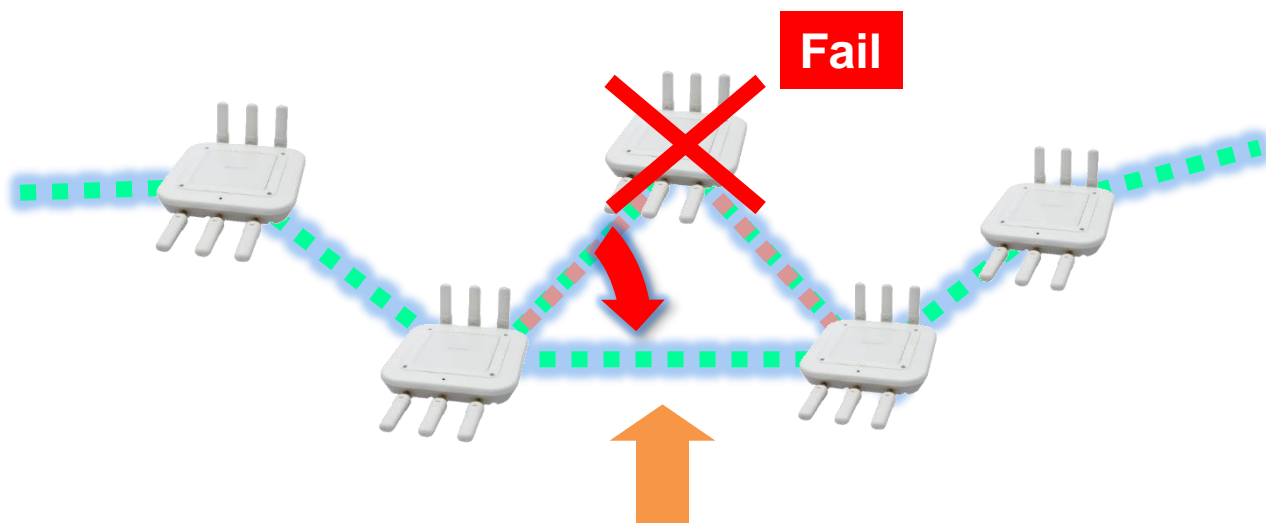
■ Stable Network Connection

• Optimal Channel Allocation

Suitable channel which has the best radio signal is selected when installing the access point or detecting radar signal.

• Instant Re-routing

Access points respond to breakdown or backhaul communication problem and set up a new routing tree at once without signal drop.



Set up a new routing tree

■ Security Features

- ◆ Security support: Open, WEP, WPA / WPA2mixed-PSK, WPA2-PSK, WPA / WPA2mixed-EAP (802.1X), WPA2-EAP (802.1X) configurable
- ◆ MAC access control: Maximum 200 units per each access point
- ◆ Administrator address restrictions: IP address can be specified

■ Durable Design

- ◆ Waterproof and Dust-proof design (IP66 compliant)
- ◆ Wind speed resistance up to 60m / sec.
- ◆ Operating temperature -20 °C ~ 50 °C
- ◆ Operating humidity 10% to 90% (non-condensing)



■ Wireless Unit linked with Sub-GHz Wireless Sensors

Sub-GHz Wireless Unit will be available (optional) and can be linked with various sensors which support Sub-GHz wireless communication.

■ System / Tools to Support Access Point Operations

	Installation Design Support Tool	Wireless LAN Software Controller		Wireless LAN Remote Monitoring Service	
Service Contents	This offers installation design support tool for building an efficient network environment in the QX-C300	This offers a software controller which can configure network, check if it works and totally monitor the status of each access point remotely.		This offers service to inform abnormal condition of the network or each access point in the e-mail. *	
Providing Method	PC application	Cloud Version	<input type="radio"/>	Cloud Version	<input type="radio"/>
		On-premise Version	<input type="radio"/>		

* Automatic Detection & Automatic Notification (Web/e-mail) by Monitoring Server operate 24 hours per day, 365 days per year.