QT3840BC

Baseband Chip, WiFi 5, 4x4, 5 GHz

The QT3840BC is a baseband chip that supports the 802.11ac standard. It is also backward compatible with the 802.11n/a. QT3840BC supports all mandatory 802.11ac features, as well as many of its optional features. QT3840BC is the world's first 4x4 Wi-Fi solution supporting 4 streams of data and Multi User MIMO (MU-MIMO).

- Industry's Highest Performance 802.11ac/n/a 5 GHz baseband chip
- 4 Streams in 4x4 MIMO Configuration
- Up to 1.7 Gbps PHY/Data Link Speed in 80 MHz Mode
- Standards:- 802.11ac/n/a- 802.11i (WEP, WPA/WPA2, RADIUS)- 802.11d- 802.11e (WMM, WMM-PS)- 802.11w- 802.11h- 802.11k
- Works with our 4x4 5 GHz RF Transceiver (QT2518B) and the 2.4 GHz / 5 GHz RF Transceiver (QT6020B)

- Combining High PHY/Data Link Speed with Reliable High Data throughput Over the Maximum Network Diameter

- Set Top Box (STB)
- Multimedia Home Gateways
- Data Residential Gateways
- Access Points

- Set Top Box (STB)

	Pricing ($/Unit)	Compliance	Status	Wi-Fi Standard	MIMO	Band Support (GHz)	Application	Chipset	Package Type
QT3840BC		Pb H	Active	WiFi 5	4x4	5	Gateway, AP, Repeater	QV840	BGA-394