

## 产品概览

### QT7860: RF Transceiver, WiFi 6, 8x8, 5-7 GHz

欲看完整文档，请参阅数据表。

The QT7860 is a 5-7 GHz RF chip that supports 802.11ax/ac/n/a 8x8 MIMO for best-in-class performance. Coupled with QCS-AX2 family of baseband, QT7860 offers the world's fastest and highest performance Wi-Fi solution. QT7860 is the best Wi-Fi 6E solution for next generation Wi-Fi access points and gateways. This allows enhanced performance and reliability for the delivery of mission-critical services over Wi-Fi.

#### 特性

- 8Tx/8Rx Chains to Support True 8x8 MIMO System or Two Independent 4x4 MIMO Radios
- Supports 20/40/80/160 MHz Bandwidths in Both 4x4 and 8x8 Mode
- Integrated Baluns for the Tx Outputs and Rx Inputs
- Integrated LNAs
- Integrated Temperature Sensor

#### 应用

- Carriers and Service Providers CPE

#### 优势

- Enable smooth transition to 6GHz bands by adaptive selection between 8x8:8ss 5GHz + 4x4:4ss 2.4GHz dual-band dual-concurrent and 4x4:4ss 6GHz + 4x4:4ss 5GHz + 4x4:4ss 2.4GHz tri-band tri-concurrent based on Wi-Fi 6E ecosystem readiness.
- Enable performance adaptability and fully leverage 8x8:8ss MU-MIMO and Tri-Band bandwidth to boost capacity, throughput and range based on different deployment environments.
- 10Gbps highest performance WLAN solutions
- Minimum host CPU load and memory utilization
- Flexible interfaces with varieties of host processors

#### 终端产品

- Access Points
- Gateways

### 器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Wi-Fi Standard	MIMO	Band Support (GHz)	Application	Chipset	Package Type
QT7860		non AEC-Q and PPAP	Active	WiFi 6	8x8	5 / 6	Access Point, Gateway, Router	QCS-AX2-A12 / QCS-AX2-T12 / QCS-AX2-T8	

欲了解更多信息，请联系您当地的销售支援 [www.onsemi.cn](http://www.onsemi.cn)。

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