

CM8200 | Touchstone® CM8200 Cable Modem



32x8/2x2 DOCSIS® 3.1 Cable Modem

- Switchable US and DS filters for flexible operation
- Support for BSoD with Multiple L2VPNs
- Y.1731 based messaging for integration in MSO specific OAM requirements
- Full capture bandwidth tuner with US and DS spectrum analysis
- Allows custom designed setups to be applied to monitor the end user more efficiently with multiple provisioning methods (SNMP, configuration file, remote web GUI access)

The Touchstone CM8200 is a DOCSIS 3.1 cable modem supporting 2x192 MHz OFDM in the downstream and 2x96MHz OFDMA in the upstream along with 32x8 channel bonding for up to 2.5 Gbps of broadband data. It supports 2 Gigabit Ethernet ports for enhanced data services to MSO customers.

The CM8200 serves as the data services platform for MSO customers. The device is optimized for providing Gigabit data services over DOCSIS 3.1 WAN.

Product Classification

Regional Availability	Australia/New Zealand North America
Product Type	Cable modem

General Specifications

Access Technology	DOCSIS 3.1 EuroDOCSIS 3.1
Channel Bonding	2x2 OFDM/A Up to 32x8 SC-QAM
Diagnostic LEDs	Link/Activity Online Power US/DS
Ethernet Ports	2 x GigE
Interfaces	2x RJ45 (10/100/1000 Base-T) DC input (12 V) 'F' type connector
RF Downstream Frequency Range	108-1002 MHz
RF Downstream Bonded Channels, quantity	Up to 32 SCQAM or 2 OFDM
RF Downstream Input Sensitivity Level	-15 dBmV to 15 dBmV
RF Downstream Data Rate	Up to 5 Gb/s
RF Upstream Frequency Range	5-42 MHz (A, C models) 5-65 MHz (B model)
RF Upstream Bonded Channels, quantity	Up to 8 SCQAM or 2 OFDMA
RF Upstream Data Rate	Over 1 Gb/s
Voice	No

Dimensions

Height	129.54 mm 5.1 in
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Width 43.18 mm | 1.7 in

Length 129.54 mm | 5.1 in

Environmental Specifications

Operating Temperature 0 °C to +40 °C (+32 °F to +104 °F)

Packaging and Weights

Weight, net 0.953 kg | 2.1 lb