

# 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

<b>Access Technology</b>	DOCSIS 3.1   EuroDOCSIS 3.1
<b>Channel Bonding</b>	2x2 OFDM/A   Up to 32x8 SC-QAM
<b>Diagnostic LEDs</b>	Link/Activity   Online   Power   US/DS
<b>Ethernet Ports</b>	2 x GigE
<b>Interfaces</b>	2x RJ45 (10/100/1000 Base-T)   DC input (12 V)   'F' type connector
<b>RF Downstream Frequency Range</b>	108-1002 MHz
<b>RF Downstream Bonded Channels, quantity</b>	Up to 32 SCQAM or 2 OFDM
<b>RF Downstream Input Sensitivity Level</b>	-15 dBmV to 15 dBmV
<b>RF Downstream Data Rate</b>	Up to 5 Gb/s
<b>RF Upstream Frequency Range</b>	5-42 MHz (A, C models)   5-65 MHz (B model)
<b>RF Upstream Bonded Channels, quantity</b>	Up to 8 SCQAM or 2 OFDMA
<b>RF Upstream Data Rate</b>	Over 1 Gb/s
<b>Voice</b>	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