

Legacy Modems

<https://campus.barracuda.com/doc/96016134/>

Barracuda 3G USB MODEM M12

The Barracuda 3G USB Modem M12 for Barracuda CloudGen Firewall provides support for wireless broadband communication using 3G/UMTS/HSDPA/HSUPA technologies. The modem supports bandwidths up to 7.2 Mbps and was specially designed to support FSC 1.

Click here to download the Quick Start Guide: [Barracuda 3G USB MODEM M12 - Quick Start Guide](#)

Modem Specifications

USB Modem	
Frequencies (MHz)	• GSM 850/900/1800/1900 • UMT S850/1900/2100/ S2100
Output Power	• Class4 (+33dBm $\pm$2dB) for EGSM900 • Class 1 (+30dBm $\pm$2dB) for GSM1800 • Class E2 (+27dBm $\pm$ 3dB) for GSM 900 8-PSK • Class E2 (+26dBm +3 /-4dB) for GSM 1800 8-PSK • Class 3 (+24dBm +1/-3dB) for UMTS 2100, WCDMA FDD Bdl
Supported Data Transmission	HSUPA, HSDPA, 3G, UMTS, EDGE
SIM Interface	3VDC 6 pin
Power Supply	5 VDC via USB Interface
USB Interface	Mini USB 2.0
Dimensions (L x W x H mm)	71 x 49 x 20
Net Weight (g)	150
Operation Temperature	-20 °C to +65 °C
Certifications	FCC, CE, ROHS
Antenna	
Interface	SMA
Frequency Range (MHz)	800-2800
Input Impedance (Ohm)	50
Gain (dBi)	3.5
Polarization Type	Vertical
Radiation Direction	Omni-directional

VSWR	<1.5
Max. Input Power	(W) 50
Length (mm)	174
Cable Length (mm)	3000

Barracuda 3G USB MODEM M11

The Barracuda 3G USB Modem M11 provides support for wireless broadband communication using 3G/UMTS/HSDPA/HSUPA technologies. The modem supports bandwidths up to 7.2 Mbps.

Click here to download the Quick Start Guide: [Barracuda 3G USB MODEM M11 - Quick Start Guide](#)

Modem Specifications

USB Modem	
Frequencies (MHz)	• GSM 850/900/1800/1900 • UMT S850/1900/2100/ S2100
Output Power	• Class4 (+33dBm $\pm$2dB) for EGSM900 • Class 1 (+30dBm $\pm$2dB) for GSM1800 • Class E2 (+27dBm $\pm$ 3dB) for GSM 900 8-PSK • Class E2 (+26dBm +3 /-4dB) for GSM 1800 8-PSK • Class 3 (+24dBm +1/-3dB) for UMTS 2100, WCDMA FDD Bdl
Supported Data Transmission	HSUPA, HSDPA, 3G, UMTS, EDGE
SIM Interface	3VDC 6 pin
Power Supply	5 VDC via USB Interface
USB Interface	USB 2.0
Dimensions (L x W x H mm)	71 x 49 x 20
Net Weight (g)	150
Operation Temperature	-20 °C to +65 °C
Certifications	FCC, CE, ROHS
Antenna	
Interface	SMA
Frequency Range (MHz)	800-2800
Input Impedance (Ohm)	50
Gain (dBi)	3.5
Polarization Type	Vertical
Radiation Direction	Omni-directional

VSWR	<1.5
Max. Input Power	(W) 50
Length (mm)	174
Cable Length (mm)	3000

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.