

## CISCO uBR7246 VXR

### UNIVERSAL BROADBAND ROUTER DOCSIS 1.1/2.0/3.0



The Cisco uBR7246VXR Universal Broadband Router, a member of the Cisco uBR7200 Series, combines the functionality of a CMTS with an advanced router. The Cisco uBR7246VXR provides a single, multiservice, scalable platform that gives cable operators and ISPs the ability to deliver IP data, voice, and commercial services to DOCSIS or EuroDOCSIS-compliant cable modems. Several different modules could be supported: additional US/AS-cards, VoIP, Wireless, Spectrum Management.

#### Following modules are available:

- MC11C (1 DS / 1 US)
- MC16C (1 DS / 6 US)
- MC16S (1 DS / 6 US; Spectrum Management)
- MC16E (1 DS / 6 US; EuroDocsis)
- MC16X (1 DS / 6 US; A-TDMA 2.0 Docsis, EuroDocsis)
- MC16U (1 DS / 6 US; like MC16X incl. Upconverter)
- MC28C (2 DS / 8 US)
- MC28X (2 DS / 8 US; A-TDMA 2.0 Docsis, EuroDocsis)
- MC28U (2 DS / 8 US; like MC28X incl. Upconverter)
- MC-88V (8 DS / 8 US – Docsis/EuroDocsis 3.0)

## SPECIFICATIONS

UNIT	CISCO UBR7246VXR
Cable line cards and number of slots	4
Supported cable line cards	UBR7200 Series MC11C, MC14C, MC16C, MC16S, MC16E, MC16X, MC16U, MC28C, MC28X, MC28U, MC88V
Port Adapter Slots (LAN/WAN interfaces)	2
Supported PA categories	Ethernet: Fast Ethernet; Gigabit Ethernet Serial (V.35, E1-G.703/G.704, T3/E3) Serial Multi-Channel T1 ATM T3/E3 (PCI-based) ATM OC-3c (PCI-based) POS OC-3c DPT OC-12c/STM4c
Power Supply Slots	2
Power supply option	AC; Dual AC; DC; Dual DC
Input/Output (I/O) controller	uBR7200-I/O uBR7200-I/O-FE uBR7200-I/O-2FE/E
I/O flash options for PCMCIA slots	Flash disk (48 MB) Flash disk (128 MB)
Network processing engines (NPE)	Cisco uBR7200-NPE-G1 Cisco uBR7200-NPE-G2 (needed for MC-88V Docsis 3.0 card) NPE-400 NPE-225
Add-on processor memory options	SDRAM (128MB, 256 MB) for NPE-225 only SDRAM (128MB, 256MB = 512 MB) for NPE-400 only 1GB, 512 MB, 128 MB for uBR7200-NPE-G1 only
Router bandwidth	3,2 Gbps