

# Polycom RMX 1000 Specifications

Polycom RMX 1000 multipoint conference platforms are available in 12, 16, and 20 media resource configurations.

## Physical dimensions

- Height: 3U, 5.20" (132 mm)
- Width: 16.93" (430 mm)
- Depth: 19.92" (506 mm)
- Weight: 48.4 lbs (22 kg)
- Power supply: Thermal controlled 650W ATX AC power supply w/PFC
- Power: 100 - 240 VAC, 50-60 Hz, 5-9 Amps
- Linux operating system

## Operating Environment

- Operating temperature: 10° to 40° C (50° to 104° F), 3400 BTU/hr
- Storage temperature: -40° to 70° C (-40° to 158° F)
- Relative humidity: 15% to 90% noncondensing
- Operating altitude: 60 m (200 ft) below sea level to 3,000 m (13,000 ft) above sea level
- Transit/Storage: 60 m (200 ft) below sea level to 15,000 m (50,000 ft) above sea level

## Video Support

- H.261, H.263, H.264
- From QCIF to 720p
- Up to high definition (HD) 720p in continuous presence (CP) transcoding (TX) - Optional
- 720p Voice switching (VSW)
- Up to 30 frames per second
- 16:9 and 4:3 aspect ratio
- H.239 content sharing resolution: VGA, SVGA, XGA
- BFCP for SIP content support
- Content to H.239 and non-H.239 endpoints
- H.239 Content in H264 Format
- Video Clarity™ to sharpen and upscale video

## Audio Support

- G.711 a/u, G.719, G.722, G.728, G.722.1/Siren™ 7, G.722.1AnnexC/Siren 14, Siren 22 StereoSurround™
- IVR prompts for auto attendance
- User and managed mute control
- DTMF support
- Echo and keyboard suppression

## Capacity

- 12 to 20 media and audio (H.323/SIP) resources
- Flexible resource capacity supports:
  - 6 HD to 10 HD/SD resources for CP
  - 12 to 20 CIF CP or HD VSW resources
  - 12 to 20 VoIP audio resources

## Management Tools

- Web-based management with support for multiple languages
- Administrator, operator, and chairman views
- System-generated emails to administrator in case of system alerts
- Complete XML API kit for 3rd party application integration
- On-board scheduling option or scheduling and gatekeeping functions via Polycom management solutions
- Address book—Up to 1000 local addresses; up to 5000 global addresses
- Directory integration: GAB, LDAP
- Presence support
- CDR (Call Details Record)
- Move participant between conferences
- Participant preview
- SNMP V3

## Language Support

- English, Simplified Chinese, Traditional Chinese, Japanese, Russian, German, Korean, Spanish, French, Italian, Portuguese, Norwegian
- Double Byte (Unicode) site names

## Network Support

- IP H.323 and SIP
- Gateway calls
- 10/100/1000 Mb interface
- 64 Kbps to 2 Mbps conference data rates

## Transcoding

- Audio algorithms
- Video algorithms
- Networks
- Resolution
- Frame rates

## IP QoS

- Polycom Lost Packet Recovery (LPR)
- DiffServ
- IP Precedence
- Dynamic jitter buffer

## Security

- AES media encryption
- SIP TLS

- TCP
- Tiered permission levels include Administrator, Operator, Chairperson

## Approval and Compliance

- CE
- Safety: UL (60950 3rd Edition) and CB
- EMC: CE, FCC 47CFR PART 15, VCCI, C-Tick, MIC, China CCC
- China MII
- RoHS 6

## Conferencing Highlights

- Conference Mode: On demand, password protected, schedule
- Integration with Polycom RSS™ 2000 recording and streaming solution
- Unified conferencing (voice, video and data)
- Up to 24 different conference layouts
- Personal layout
- Auto layout
- Layout range 1x1 to 4x4
- Personal Conference Manager (PCM) including Advanced Polycom Click & View™
- Video invite
- Dynamic conference invite
- Layout skins
- Customization of video skins and user administrative interfaces
- Lecture and presentation mode
- Conference profiles
- Far-end camera control (FECC)
- Conference dial out and dial in
- Up to 1000 Meeting Rooms
- Advanced IVR flow
- Multilingual site names
- H.239 support over cascaded links (between any Polycom MCU)

## Warranty

One (1) year limited hardware warranty: unit returned to Polycom factory within 30 days after receipt; 90-day software warranty: bug fixes / minor releases. Please contact your Polycom reseller or a Polycom sales representative for more details.

*Polycom conferencing solutions also include unified conferencing bridges, recording and streaming solutions, firewall/NAT transversal, management, scheduling, and gatekeeper applications, video and audio endpoints, totally immersive conferencing environments, and a full range of installation and professional consulting services.*

## Polycom Worldwide Headquarters

4750 Willow Road, Pleasanton, CA 94588  
1.800.POLYCOM or +1.925.924.6000  
[www.polycom.com](http://www.polycom.com)

