

# Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

Product Name: Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

Manufacturer: -

Model Number: Quadro2x2

## Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

The Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports is a fully featured IP PBX for small office use. This solution offers two FXO analog PSTN connection, two FXS analog station ports and up to 24 IP phones. Additionally, this phone system is equipped with a built-in router with LAN and WAN ports to manage your office's data network. A lifeline ability is enabled in case of power failures to allow one analog telephone the ability to make calls outside the office. The Quadro2x2 can be setup for a very simple environment or configured for advanced users to take full advantage of the more powerful features. In addition, the Quadro2x2 is standards-based allowing users to decide for themselves what analog and IP handsets to use. Features & Benefits

- Simple configuration and support
- Based on industry standards
- Limited upgrade costs
- Fully featured out of the box
- Analog phones: 2
- IP phones: 16
- Add'l IP phones with keys up to 24
- Total extensions: 26
- Concurrent Calls: 16



The image shows a screenshot of a website for Epygi IP PBX. It features a 'Detailed Comparison Table' with columns for various models and their specifications. A red banner at the top left says 'Epygi IP PBX Detailed Comparison Table'. The Epygi logo is on the right, and a 'View Now' button is at the bottom right.

## Technical Specifications

### PBX Features

- Call blocking, Forwarding, Hold, Transfer
- Call relay, Call waiting
- Caller ID Detection, Voice mail
- Call park, Pickup, Paging, Intercom
- Multi-level auto attendant with Interactive
- Voice Response (IVR) and
- VoiceXMLv2 support
- Voice mail with SMS notification

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- Distinctive ringing
- Speed dialing
- Many extension ringing
- Receptionist
- Call hunting, Hiding Caller ID
- Automated Call back from Auto Attendant
- Hold music
- Call statistics
- Do Not Disturb service
- Unified messaging
- 3-way conferencing
- T.38 fax, fax relay and clear channel fax
- Unified Fax Messaging
- Busy auto-redial
- Directory assistance
- Dial plans (call routing)
- IP Routing
- Call Queue

## Voice and Video Features

- Voice Coding: G.711, G.726 (16, 24, 32, 40 Kbps), G.729A, iLBC (13,33 kbit/s, 15,2 kbit/s); VAD, CNG, G.168 echo cancellation G.722 pass-through point-to-point HD call
- Video Coding: H.263 and H.264 pass-through point-to-point video call
- VoIP Encryption: SRTP
- VoIP Signaling SIP, SIP/TLS
- DTMF In band & out of band signaling support.

## VoIP Data and Signaling Protocols

- ITU-T G.711, G.726, G.729 Annex A; IETF RFC 3951- iLBC; ITU-T Q.23, Q.24; Bellcore GR.506, GR.181; ITU-T G.168- 2000, 2002; ETS\_300659\_1,2,3; SIP, SIPS/TLS (RFCs: 2246, 3261, 3263, 3265, 3311, 3323, 3324, 3325, 3428, 3515, 3578, 3581, 3725, 3842, 3856, 3863, 3891, 3892, 4028, 4235) SDP (RFC: 2327, 4568) RTP/SRTP (RFCs: 1889, 1890, 2833, 3389, 3550, 3551, 3555, 3711, 4733, 3952), Fax over IP (ITU-T: T4, T30, T38, V17, V21, V27 ter, V29)

## POTS Signaling

- Loop start
- FSK and DTMF Caller ID support

## Physical interfaces

- Premise connections: 2 FXS short-loop FXS ports (RJ-11) 1 LAN Ethernet 10/100 BASE-T port (RJ-45)
- Uplink connections: 2 FXO ports to the Central Office (RJ11) 1 WAN Ethernet 10/100 BASE-T (RJ45)

## Phones

- IP phones: 16 SIP phones by default in PBX mode 8 additional SIP phones may be added with feature keys in PBX mode
- All SIP phones can be connected both from LAN or WAN side
- Plug-and-Play with select IP Phone manufactures
- Analog phones: 2 Analog phones (or other analog devices) to connect via FXS ports

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- Auto Attendants and Virtual Extensions
- Auto Attendants: Up to 100 standard and custom AA can be registered
- Virtual Extensions: Up to 100 Virtual Extensions can be registered\* \*The total number of extensions used for IP phones, Analog phones, AA and virtual extensions can not exceed 100 extensions.

## System Capacity

- Up to 16 simultaneous VoIP calls with external parties
- Unlimited station to station calling for IP phones
- Unlimited station to station calling for analog phones
- 2 analog PSTN calls with external parties

## Management

- Multilingual WEB interface accessible from
- LAN and WAN (HTTP/HTTPS)
- Password control
- Remote diagnostics and software upgrade
- Auto-provisioning
- VoIP Carrier Wizard
- Download/restore configuration
- Legible and editable configuration files
- Auto-configuration of IP phones via
- TFTP and HTTP
- SNMP Monitoring and Configuration
- Third Party Call Control XML RPC
- Reset button with factory reset option
- Custom Language Pack
- Billing Radius Client (RFCS: 2865, 2866)
- Diagnostics/Testing
- LEDs: Busy, Info, Fault, LAN, WAN, Loop settings
- Remote testing

## Internet

- STUN/NAT traversal (RFC 3489)
- IPSec VPN with DES, 3DES and AES encryption in tunnel mode (RFCs: 2402, 2406, 2409).
- Automatic IKE
- key support
- PPTP VPN
- L2TP VPN
- Firewall security via:
- Intrusion Detection System
- NAT (Network Address Translation)
- Policy and service-based filtering
- Stateful inspection firewall
- DHCP server on the LAN side
- DHCP client on the WAN side
- DNS server with forwarding functionality
- SNTP (Simple Network Time Protocol) server/client for computer clock synchronization
- connection to the ISP with PAP/(MS)CHAP authentication
- IP DIFFSERV for QoS
- Virtual LAN (VLAN/IEEE 802.1Q)
- Mail client to send voice and fax messages as e-mail attachments (.wav and .tif) and system

notifications

- DNS (DYNDNS) support with third party
- NAT/Router with port forwarding and port translation.

## Physical Dimensions

- Desktop devices, wall-mountable: Measurements: 7.41" x 6.24" x 1.77" (19 x 16 x 4.5 cm)
- Weight: 13 ounces (360 g)
- Conditions 41&deg;F - 104&deg;F (5&deg;C - 40&deg;C) operating temperature
- 41&deg;F - 140&deg;F (5&deg;C - 60&deg;C) storage temperature
- 5% - 90% non-condensing humidity
- Power Supply Input 100 - 240 VAC; 50/60 Hz; 0.5 A Output 12.0 VDC; 1.5 A
- Regulatory Compliance
- Telecom: CTR21/TBR21, AS/ACIF

**Please Enquire**

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