



Epygi's QX products are compact, fully rack-mountable and housed in a metal enclosure. They are made to mix and match for a fully customizable system to fit every consumer's specific needs. With the purchase of a rack-mounting kit, the units also come with two DC power cables for power redundancy. With built-in auto-configuration, firewall and secure VPN support, Epygi's QX IP PBXs and Gateways are SIP-compliant and designed for a more user-friendly experience. Our PBXs come with a wide range of useful telephony features specific to your company's unique needs with ease of installation, maintenance and use. The Gateways can be utilized to include additional FXO, FXS, T1 or E1 ports to any of Epygi's or other manufacturer's IP PBXs. Integrating an Epygi QX Gateway with any QX IP PBX allows for the Gateway to be managed through the IP PBX's GUI. Epygi is also cross-certified with a broad selection of IP phones and SIP trunk providers, in order to provide you with a completely integrated communications package.

## QX IP PBXs

### QX20



Capabilities	
IP phones	12
Additional IP phones with keys	20
Total phones	32
Concurrent calls	6
Additional concurrent calls with keys	4
Ethernet LAN ports	1
Ethernet WAN ports	1
Audio In port	1
Audio Out port	1
SD slot	1

Interconnection with QX Gateways	
GATEWAYS	Recommended Number (max)
QXFXO4	2
QXISDN4	1
QXE1T1	1
QXFXS24	1

### QX50



Capabilities	
Analog phones	2
IP phones	16
Additional IP phones with keys	32
Total phones	50
Concurrent calls	16
FXO PSTN ports	2
Ethernet LAN ports	1
Ethernet WAN ports	1
Audio In port	1
Audio Out port	1
SD slot	1

Interconnection with QX Gateways	
GATEWAYS	Recommended Number (max)
QXFXO4	4
QXISDN4	2
QXE1T1	1
QXFXS24	2

### QX60



Capabilities	
IP phones	24
Additional IP phones with keys	40
Total phones	64
Concurrent calls	20
Ethernet LAN ports	1
Ethernet WAN ports	1
Audio In port	1
Audio Out port	1
SD slot	1

Interconnection with QX Gateways	
GATEWAYS	Recommended Number (max)
QXFXO4	5
QXISDN4	2
QXE1T1	1
QXFXS24	3

### QX100



Capabilities	
IP phones	32
Additional IP phones with keys	96
Total phones	128
Concurrent calls	40
Ethernet LAN ports	1
Ethernet WAN ports	1
Audio In port	1
Audio Out port	1
SD slot	1

Interconnection with QX Gateways	
GATEWAYS	Recommended Number (max)
QXFXO4	10
QXISDN4	5
QXE1T1	1 (E1 mode), 2 (T1 mode)
QXFXS24	5

### QX200



Capabilities	
Analog phones	2
IP phones	24
Additional IP phones with keys	176
Total phones	202
Concurrent calls	64
FXO PSTN ports	4
Ethernet LAN ports	1
Ethernet WAN ports	1
Audio In port	1
Audio Out port	1
SD slot	1

Interconnection with QX Gateways	
GATEWAYS	Recommended Number (max)
QXFXO4	16
QXISDN4	8
QXE1T1	2 (E1 mode), 3 (T1 mode)
QXFXS24	8

### QX500



Capabilities	
IP phones	100
Additional IP phones with keys	400
Total phones	500
Concurrent calls	80
Ethernet LAN ports	1
Ethernet WAN ports	1
Audio In port	1
Audio Out port	1
SD slot	1

Interconnection with QX Gateways	
GATEWAYS	Recommended Number (max)
QXFXO4	20
QXISDN4	10
QXE1T1	3 (E1 mode), 4 (T1 mode)
QXFXS24	16

## QX3000



Capabilities	
IP phones	200
Additional IP phones with keys	2,800
Total IP phones	3,000
Concurrent calls	500
Ethernet LAN ports	1
Ethernet backup	1

### Interconnection with QX Gateways

GATEWAYS	Recommended Number (max)
QXFXO4	32
QXISDN4	32
QXE1T1	16 (E1 mode), 20 (T1 mode)
QXFXS24	100

## QX5000



Capabilities	
IP phones	500
Additional IP phones with keys	4,500
Total IP phones	5,000
Concurrent calls	700
Ethernet LAN ports	1
Ethernet backup	1

### Interconnection with QX Gateways

GATEWAYS	Recommended Number (max)
QXFXO4	32
QXISDN4	32
QXE1T1	20 (E1 mode), 24 (T1 mode)
QXFXS24	100

## Licensable Features for QX IP PBXs

Epygi's QX line comes equipped with many free features and the availability to select from an extensive array of additional features for purchase. Licensable features range from call center solutions to video conferencing, to allow for a custom UC solution for your business without incurring unnecessary costs.

**Please Note:** All the applicable **QX3000** feature licenses can still be purchased for **QX2000** at the same price.

Features	QX20	QX50	QX60	QX100	QX200	QX500	QX3000	QX5000
<b>IP Phone Expansion Key</b> - This phone expansion key enables additional local IP phone extensions on the IP PBXs.	4, 8, 16 ext. Max 32 IP phones	4, 8, 16, 32 ext. Max 48 IP phones	4, 8, 16, 32 ext. Max 64 IP phones	4, 8, 16, 32, 64 ext. Max 128 IP phones	4, 8, 16, 32, 64, 128 ext. Max 200 IP phones	4, 8, 16, 32, 64, 128, 256 ext. Max 500 IP phones	4, 8, 16, 32, 64, 128, 256, 512, 1024 ext. Max 3,000 IP phones	4, 8, 16, 32, 64, 128, 256, 512, 1024 ext. Max 5,000 IP phones
<b>Concurrent Call Expansion Key</b> - Allows additional concurrent calls.	2, 4 Expansion Key Max 10 concr. calls	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Audio Conference Key</b> - An integrated conferencing feature that allows your company to stay connected and current around the globe.	4, 8, 16 users Max 16 users	4, 8, 16 users Max 16 users	4, 8, 16 users Max 16 users	4, 8, 16, 32 users Max 32 users	4, 8, 16, 32 users Max 32 users	4, 8, 16, 32 users Max 48 users	4, 8, 16, 32 users Max 288 users Max 95 users in 1 conf. bridge	4, 8, 16, 32 users Max 288 users Max 95 users in 1 conf. bridge
<b>Video Conference Server</b> - As an add-on feature to the Audio Conference Key, companies can view both local and remote users' video on the QX.	8 users Max 8 video users	8 users Max 8 video users	8 users Max 8 video users	8 users Max 16 video users	8 users Max 16 video users	8 users Max 24 video users	8 users Max 104 video users Max 48 users in 1 conf. bridge	8 users Max 104 video users Max 48 users in 1 conf. bridge
<b>Automatic Call Distribution (ACD)</b> - Used by call centers to handle basic inbound call queuing and distributing the calls to the agents.	N/A	Small All users can be configured as agents	Medium All users can be configured as agents	Medium All users can be configured as agents	Medium All users can be configured as agents	Medium All users can be configured as agents	Enterprise All users can be configured as agents	Enterprise All users can be configured as agents
<b>Epygi ACD Console (EAC)</b> - This per-seat web based application gives agents and supervisors full control of their call center.	N/A	1, 5, 10 users Max 15 users*	1, 5, 10, 20 users Max 20 users*	1, 5, 10, 20 users Max 30 users*	1, 5, 10, 20 users Max 30 users*	1, 5, 10, 20 users Max 50 users*	1, 5, 10, 20 users Max 300 users*	1, 5, 10, 20 users Max 300 users*
<b>Barge-In</b> - Silent Monitoring, Agent Whisper and Supervisor features can be an add-on to the Automatic Call Distribution or as a stand-alone feature.	N/A	Medium Activates feature for all users	Medium Activates feature for all users	Medium Activates feature for all users	Medium Activates feature for all users	Enterprise Activates feature for all users	Enterprise Activates feature for all users	Enterprise Activates feature for all users
<b>Call Recording</b> - Record PBX, SIP or PSTN calls on the QX. Store the recordings either locally on the QX by using internal memory or on an external server.	2, 4, 8 ports Max 10 ports	2, 4, 8 ports Max 12 ports	2, 4, 8 ports Max 24 ports	2, 4, 8 ports Max 32 ports	2, 4, 8, 16 ports Max 32 ports	2, 4, 8, 16, 32 ports Max 48 ports	2, 4, 8, 16, 32 ports Max 240 ports	2, 4, 8, 16, 32 ports Max 320 ports

\* The number of active EAC sessions may vary depending on the system load by other IP PBX processes, such as the Call Recording.

# Licensable Features for QX IP PBXs

Features	QX20	QX50	QX60	QX100	QX200	QX500	QX3000	QX5000
<b>Calling Cost Control</b> - Allows to limit and control the calling costs when making calls through payable routing rules.	Small Activates feature for all users	Small Activates feature for all users	Medium Activates feature for all users	Medium Activates feature for all users	Medium Activates feature for all users	Medium Activates feature for all users	Enterprise Activates feature for all users	Enterprise Activates feature for all users
<b>Automatic Outbound Calling (AOC)</b> - Automates outbound calls directly to clients.	N/A	1, 5 Concurrent Calls Max 16 Calls	1, 5, 10 Concurrent Calls Max 20 Calls	1, 5, 10 Concurrent Calls Max 40 Calls	1, 5, 10 Concurrent Calls Max 64 Calls	1, 5, 10 Concurrent Calls Max 80 Calls	1, 5, 10 Concurrent Calls Max 500 Calls	1, 5, 10 Concurrent Calls Max 700 Calls
<b>Third Party Call Control (3PCC)</b> - The QX has a full featured Application Programming Interface (API). Applications can be designed to gain direct access to the QX IP PBX to enhance the feature offerings of this system.	Small 3PCC Activation License	Small 3PCC Activation License	Medium 3PCC Activation License	Medium 3PCC Activation License	Medium 3PCC Activation License	Medium 3PCC Activation License	Enterprise 3PCC Activation License	Enterprise 3PCC Activation License
<b>System Redundancy Activation</b> - 1+1 redundancy design where a second unit is running as an active standby unit.	N/A	Small Secondary unit must be purchased.	Medium Secondary unit must be purchased.	Medium Secondary unit must be purchased.	Medium Secondary unit must be purchased.	Medium Secondary unit must be purchased.	Enterprise Secondary unit must be purchased.	Enterprise Secondary unit must be purchased.
<b>Epygi Hotel Console (EHC)</b> - EHC is a licensable hotel application which provides telephone control and billing of telephone calls for hotel rooms, as well as supplementary functions such as room status, wake up calls, do not disturb and management of minibar items.	N/A	EHC Small Activation Key	EHC Medium Activation Key	EHC Medium Activation Key	EHC Medium Activation Key	EHC Medium Activation Key	EHC Enterprise Activation Key	EHC Enterprise Activation Key
<b>eQall Softphone</b> - Available for MS Windows and mobile devices using Android and iOS. It is a full desk phone replacement and is intended to be used with QX PBXs and ecQX. After activation it registers as an extension to the QX/ecQX system and operates like a normal PBX extension.	4, 8, 16, 32 users Max 32 ports	4, 8, 16, 32 users Max 48 ports	4, 8, 16, 32, 64 users Max 64 ports	4, 8, 16, 32, 64 users Max 128 ports	4, 8, 16, 32, 64 users Max 200 ports	4, 8, 16, 32, 64 users Max 500 ports	4, 8, 16, 32, 64 users Max 3000 ports	4, 8, 16, 32, 64 users Max 5000 ports
<b>eQall Receptionist Console</b> - Available for Windows. It allows watching the call status of up to 100 selected extensions on the QX.	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat
<b>eQall SMS Messaging</b> - Allows sending or receiving SMS messages by eQall extensions globally.	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages	2000, 4000, 8000 Messages
<b>Auto Dialer Activation</b> - Automate outbound calls directly to clients.	N/A	1 port	1 port	1 port	1 port	1 port	1 port	1 port
<b>Auto Dialer Expansion Key</b> - Increases the number of concurrent outbound calls by one on the Auto Dialer Activation.	N/A	1 port Max 16 ports	1 port Max 20 ports	1 port Max 40 ports	1 port Max 64 ports	1 port Max 80 ports	1 port Max 100 ports	1 port Max 150 ports
<b>CRM Integration</b> - When activated, the per-seat license provides integration with Salesforce, Vtiger and Zoho CRM.	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat	Per 1 seat



## QX Gateways

### QXE1T1



Capabilities	
E1/T1 port	1
Ethernet LAN ports	1
Ethernet WAN ports	1
Call Routing capable of modifying caller ID or time of day routing	
Firewall, VPN Router, Auto Attendant, Stacking Options, Failover	

### QXFX04



Capabilities	
FXO PSTN ports	4
Ethernet LAN ports	1
Ethernet WAN ports	1
Call Routing capable of modifying caller ID or time of day routing	
Firewall, VPN Router, Auto Attendant, Stacking Options, Failover	

### QXFXS24



Capabilities	
FXS ports	24
Ethernet LAN ports	1
Ethernet WAN ports	1
Call Routing capable of modifying caller ID or time of day routing	
Firewall, VPN Router, Stacking Options, Failover	

### QXISDN4



Capabilities	
ISDN BRI ports	4
Ethernet LAN ports	1
Ethernet WAN ports	1
Call Routing capable of modifying caller ID or time of day routing	
Firewall, VPN Router, Auto Attendant, Stacking Options, Failover	

## QX Gateway Converted to IP PBX



### QXISDN4+

Capabilities	
IP phones	16
Additional IP phones with keys	32
Total phones	48
Concurrent calls	16
ISDN BRI ports	4
Ethernet LAN ports	1
Ethernet WAN ports	1
Call Routing capable of modifying caller ID or time of day routing	
Firewall, VPN Router, Auto Attendant, Stacking Options, Failover	

## Licensable Features for QX Gateways

### Gateway Hosted Survivability

Allows your company's telephones to work, even when the broadband link or Hosted PBX are down. Users can also use this feature to provide access to remote phones in a branch office.

### QXE1T1

Available

### QXFX04

Available

### QXFXS24

N/A

### QXISDN4

N/A

### QXISDN4+ IP PBX Activation

Once installed and activated, the Gateway will function as an IP PBX and cannot be changed back. All the applicable QX50 feature licenses can be purchased and activated, except for ACD, AOC and EAC licenses. The QXISDN4+ doesn't support Audio In, Audio Out and a SD card.

N/A

N/A

N/A

Available