Overview

Models

HP VCX V7111 2-channel Analog FXS Gateway	JE371A
HP VCX V7111 4-channel Analog FXS Gateway	JE366A
HP VCX V7111 8-channel Analog FXS Gateway	JE367A
HP VCX V7111 24-channel Analog FXS Gateway	JE368A
HP VCX V7111 4-channel Analog FXO Gateway	JE369A
HP VCX V7111 8-channel Analog FXO Gateway	JE370A
HP VCX V7111 2-channel Analog FXS/2-channel Analog FXO Gateway	JE372A
HP VCX V7111 4-channel Analog FXS/4-channel Analog FXO Gateway	JE373A
HP VCX V7122 1-Span E1/T1 Digital VoIP Gateway	JE374A
HP VCX V7122 1-Span E1/T1 Digital VoIP Gateway (ME)	JE375A
HP VCX V7122 2-span E1/T1 Digital VoIP Gateway	JE376A
HP VCX V7122 2-span E1/T1 Digital VoIP Gateway (ME)	JE377A
HP VCX V7122 4-span E1/T1 Digital VoIP Gateway	JE378A
HP VCX V7122 8-span E1/T1 Digital VoIP Gateway	JE379A
HP VCX V7122 16-span E1/T1 Digital VoIP Gateway	JE380A

Key features

- Retained PSTN connections for remote sites
- Least-cost routing IP telephony features
- SIP signaling/VoIP apps on VCX servers
- Support for latest compression algorithms
- Scalability for up to 480 simultaneous calls

Product overview

HP VCX V71xx Gateway Series Voice over IP gateways help enterprises transition to IP communications using a cost-effective strategy that aligns financial considerations with performance needs. The gateways lay the foundation for a successful deployment of Session Initiation Protocol (SIP)-based applications, and enable interoperability between a converged IP network and legacy equipment—including PBXs, the public switched telephone network (PSTN), analog phones, and fax machines. The HP VCX V7122 digital gateways provide all necessary functions and protocol support for handling voice calls between traditional circuit-switched phone networks and an IP network. HP VCX V7111 analog gateways (both FXS and FXO models) let analog phones and other legacy analog devices use HP SIP-based IP telephony features—an especially helpful feature during transitions, enabling employees to continue using familiar equipment and interfaces, including dialing plans, email systems, fax machines, and modems.

Features and benefits

Quality of Service (QoS)

- Echo cancellation: automatically adjusts and removes echo from a telephone call
- Dynamic programmable jitter buffer: software-configurable setting designed to ensure voice frames arrive at the same rate
- Voice activity detection: proprietary algorithm designed to reduce/filter background noise
- Comfort noise generation: provides low audible artificial background noise to improve VoIP communications
- 802.1p/Q VLAN tagging: delivers data to devices based on the priority and type of traffic; supports IEEE 802.1Q

Performance



Overview

- T.38: Group 3 fax relay and fax bypass support to send faxes over an IP network
- Least-cost call routing support: working in conjunction with the HP VCX system, minimizes long-distance calling charges by routing calls to the most cost-effective gateway
- Voice compression: utilizing a full suite of voice CODECs to enhance available bandwidth

Standards

• Session Initiation Protocol (SIP) signaling: Utilizes SIP protocol for communications with Voice over IP (VoIP) applications on VCX IP telephony platforms

Investment protection

• Analog phone support: leverage existing investment in analog phones while implementing a full set of PBX features for HP VCX V7111 products

Ease of use

• Easy to use: GUI-driven central management and configuration

Scalability

- Full product portfolio:
 - O For VCX V7111 products: broad suite of analog (FXS and FXO) models with multiple channel options
 - For VCX V7122 products: broad suite of digital model options to support as few as one T1/E1 line or as many as 16 T1/E1 lines

Additional information

• Optional network management: use the HP Intelligent Management Center (IMC) and Voice Services Manager (VSM) to configure, monitor, and optimize the performance of media servers, gateways, and endpoints; to monitor VoIP traffic; and to control your voice network quality

Product architecture

• Standards-based design: supports consolidation of PSTN connections and optimizes use of toll-bypass

Warranty and support

- 1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)
- Electronic and telephone support: limited electronic and telephone support is available from HP; refer to: www.hp.com/networking/warranty for details on the support provided and the period during which support is available
- Software releases: refer to: www.hp.com/networking/warranty for details on the software releases provided and the period during which software releases are available for your product(s)
- Media warranty: removable media on which HP distributes the software is warranted for ninety (90) days from purchase



Technical Specifications

HP VCX V7111 2-channe	el Analog FXS Gateway (JEC	371A)	
Ports	2 RJ-11 FXS ports		
	1 RJ-45 auto-sensing 10/ half or full	100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex:	
	1 RS-232C serial console port		
Physical characteristics	Dimensions	8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)	
	Weight	3 lb. (1.36 kg), Fully loaded Shipping Weight	
Mounting	Mounts in EIA standard 1	9 inch telco rack or equipment cabinet, table top, or wall mount	
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)	
	Operating relative humidity	10% to 90%	
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
Safety	UL 60950-1; EN 60950-1		
Emissions	EN 55022 Class B; EN 5	5024	
Features	VCX V7111 Analog Gate	ways	
	 VAD; CNG; Dynan FXO/FXS loop start User defined Call F DiffServ; TOS; 802 G.711, G.723, G. VCX V7122 Digital Gatew RFC 2833, 3550, 5 G.165 & G.168 Ed VAD; CNG; Dynan CAS & PRI protocol 	rogress Tones .1 p/Q VLAN Tagging 726, G.727, G.729a CODECS vays 3551; TIA 464A, 464B tho Cancellation Compliant hic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging s: MF-R1; MFC R2, E&M wink start; delay dial; immediate start	
	• G.711, G.723, G.	726, G.727, G.729a CODECS 726, G.727, G.729a CODECS	
Services	 G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODECS 3-year, parts only, global next-day advance exchange (UW130E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW131E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW134E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW137E) 3-year, 24x7 SW phone support, software updates (UW140E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW132E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 24x7 SW phone support, software updates (UW141E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW133E) 		



HP VCX V71xx Gateway Series

Technical Specificati	ons	
	5-year, 4-hour onsite, 24x7 coverage for hardware (UW136E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW139E) 5-year, 24x7 SW phone support, software updates (UW142E) 3 Yr 6 hr Call-to-Repair Onsite (UW143E) 4 Yr 6 hr Call-to-Repair Onsite (UW144E) 5 Yr 6 hr Call-to-Repair Onsite (UW145E)	
		www.hp.com/networking/services for details on the service-level descriptions details about services and response times in your area, please contact your
HP VCX V7111 4-channe	el Analog FXS Gateway (JE3	366A)
Ports	4 RJ-11 FXS ports 1 RJ-45 auto-sensing 10/100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full	
	1 RS-232C serial console	port
Physical characteristics	Dimensions	8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)
	Weight	3 lb. (1.36 kg), Fully loaded Shipping Weight
Mounting	Mounts in EIA standard 19	inch telco rack or equipment cabinet, table top, or wall mount
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)
	Operating relative humidity	10% to 90%, non-condensing
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)
Electrical characteristics	Voltage	100-240 VAC
	Frequency	50 / 60 Hz
Safety	UL 60950-1; EN 60950-	1
Emissions	EN 55022 Class B; EN 55	5024
Features	 VCX V7111 Analog Gateways RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 	
VCX V7122 Digital Gateways		rays
	 VAD; CNG; Dynam CAS & PRI protocols User defined Call P G.711, G.723, G.7 	ho Cancellation Compliant nic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging s: MF-R1; MFC R2, E&M wink start; delay dial; immediate start

Technical Specifications

Services	3-year, parts only, global 3-year, 4-hour onsite, 13: 3-year, 4-hour onsite, 24: 3-year, 4-hour onsite, 24: 3-year, 24x7 SW phone s 4-year, 4-hour onsite, 13:	next-day advance exchange (UW130E) k5 coverage for hardware (UW131E)	
Services	3-year, 4-hour onsite, 13: 3-year, 4-hour onsite, 24: 3-year, 4-hour onsite, 24: 3-year, 24x7 SW phone s 4-year, 4-hour onsite, 13:	x5 coverage for hardware (UW131E)	
	 G.711, G.723, G.726, G.727, G.729a CODECS 3-year, parts only, global next-day advance exchange (UW130E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW131E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW134E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW137E) 3-year, 24x7 SW phone support, software updates (UW140E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW132E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW132E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW133E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW133E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW133E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW136E) 5-year, 24x7 SW phone support, software updates (UW142E) 3 Yr 6 hr Call-to-Repair Onsite (UW143E) 4 Yr 6 hr Call-to-Repair Onsite (UW144E) 5 Yr 6 hr Call-to-Repair Onsite (UW145E) Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office. 		
HP VCX V7111 8-channe	I Analog FXS Gateway (JE3	367A)	
Ports	8 RJ-11 FXS ports		
	1 RJ-45 auto-sensing 10/100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full		
Physical characteristics	half or full		
Physical characteristics	half or full 1 RS-232C serial console	port	
	half or full 1 RS-232C serial console Dimensions Weight	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)	
	half or full 1 RS-232C serial console Dimensions Weight	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight	
Mounting	half or full 1 RS-232C serial console Dimensions Weight Mounts in EIA standard 14	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight 9 inch telco rack or equipment cabinet, table top, or wall mount	
Mounting	half or full 1 RS-232C serial console Dimensions Weight Mounts in EIA standard 10 Operating temperature Operating relative	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight 9 inch telco rack or equipment cabinet, table top, or wall mount 41°F to 104°F (5°C to 40°C)	
Mounting Environment	half or full 1 RS-232C serial console Dimensions Weight Mounts in EIA standard 19 Operating temperature Operating relative humidity Non-operating/Storage	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight 9 inch telco rack or equipment cabinet, table top, or wall mount 41°F to 104°F (5°C to 40°C) 10% to 90%, non-condensing	
Mounting Environment	half or full 1 RS-232C serial console Dimensions Weight Mounts in EIA standard 10 Operating temperature Operating relative humidity Non-operating/Storage temperature	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight 9 inch telco rack or equipment cabinet, table top, or wall mount 41°F to 104°F (5°C to 40°C) 10% to 90%, non-condensing -13°F to 185°F (-25°C to 85°C)	
Mounting Environment Electrical characteristics	half or full 1 RS-232C serial console Dimensions Weight Mounts in EIA standard 10 Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight 9 inch telco rack or equipment cabinet, table top, or wall mount 41°F to 104°F (5°C to 40°C) 10% to 90%, non-condensing -13°F to 185°F (-25°C to 85°C) 100-240 VAC 50 / 60 Hz	
Mounting	half or full 1 RS-232C serial console Dimensions Weight Mounts in EIA standard 14 Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage Frequency	port 8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height) 3 lb. (1.36 kg), Fully loaded Shipping Weight P inch telco rack or equipment cabinet, table top, or wall mount 41°F to 104°F (5°C to 40°C) 10% to 90%, non-condensing -13°F to 185°F (-25°C to 85°C) 100-240 VAC 50 / 60 Hz	

- FXO/FXS loop start
- User defined Call Progress Tones
- DiffServ; TOS; 802.1 p/Q VLAN Tagging



Technical Specifications

• G.711, G.723, G.726, G.727, G.729a CODECS

VCX V7122 Digital Gateways

	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS
Services	 3-year, parts only, global next-day advance exchange (UW130E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW131E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW134E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW137E) 3-year, 24x7 SW phone support, software updates (UW140E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW132E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW138E) 4-year, 24x7 SW phone support, software updates (UW141E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW133E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW133E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW133E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW136E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW136E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW139E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW139E) 5-year, 24x7 SW phone support, software updates (UW142E) 3 Yr 6 hr Call-to-Repair Onsite (UW143E) 4 Yr 6 hr Call-to-Repair Onsite (UW144E) 5 Yr 6 hr Call-to-Repair Onsite (UW145E)

Reter to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7111 24-channel Analog FXS Gateway (JE368A)

Ports	1 RJ-45 auto-sensing 10/100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex half or full	
	1 RS-232C serial console	port
Physical characteristics	Dimensions	10.6(d) x 17.5(w) x 1.75(h) in. (26.92 x 44.45 x 4.45 cm) (1U height)
	Weight	4 lb. (1.81 kg)
Mounting	Mounts in EIA-standard 19	P inch telco rack or equipment cabinet, table top, or wall mount
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)
	Operating relative humidity	10% to 90%, non-condensing
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)
Electrical characteristics	Voltage	100-240 VAC
	Frequency	50 / 60 Hz
Safety	UL 60950-1; EN 60950-	l

Technical Specifications

Emissions	EN 55022 Class B; EN 55024
Features	VCX V7111 Analog Gateways
	 RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS
	VCX V7122 Digital Gateways
	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS
Notes	50-pin Telco connector for 1-24 analog lines.
Services	 3-year, parts only, global next-day advance exchange (UW146E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW147E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW150E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW153E) 3-year, 24x7 SW phone support, software updates (UW156E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW148E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW151E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW154E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW154E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW157E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW149E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW152E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E) 5-year, 24x7 SW phone support, software updates (UW158E) 3 Yr 6 hr Call-to-Repair Onsite (UW159E) 4 Yr 6 hr Call-to-Repair Onsite (UW160E) 5 Yr 6 hr Call-to-Repair Onsite (UW161E)
	Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7111 4-channel Analog FXO Gateway (JE369A)

Ports

4 RJ-11 FXO ports 1 RJ-45 auto-sensing 10/100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full

1 RS-232C serial console port



HP VCX V71xx Gateway Series

Technical Specifications

Physical characteristics	Dimensions	8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)	
	Weight	3 lb. (1.36 kg), Fully loaded Shipping Weight	
Mounting	Mounts in EIA-standard 19	P inch telco rack or equipment cabinet, table top, or wall mount	
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)	
	Operating relative humidity	10% to 90%, non-condensing	
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
Safety	UL 60950-1; EN 60950-1		
Emissions	EN 55022 Class B; EN 55	5024	
Features	VCX V7111 Analog Gatev	vays	
	 RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 		
	VCX V7122 Digital Gateways		
	 VAD; CNG; Dynam CAS & PRI protocols User defined Call P G.711, G.723, G.7 G.711, G.723, G.7 	ho Cancellation Compliant .ic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging s: MF-R1; MFC R2, E&M wink start; delay dial; immediate start	
Services	3-year, 4-hour onsite, 13x 3-year, 4-hour onsite, 24x 3-year, 4-hour onsite, 24x 3-year, 24x7 SW phone su 4-year, 4-hour onsite, 13x 4-year, 4-hour onsite, 24x 4-year, 24x7 SW phone su 5-year, 4-hour onsite, 13x 5-year, 4-hour onsite, 24x 5-year, 4-hour onsite, 24x	Onsite (UW144E)	



Technical Specifications

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7111 8-channe	el Analog FXO Gateway (JE	370A)
Ports	8 RJ-11 FXO ports	
	1 RJ-45 auto-sensing 10/ half or full	100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex:
	1 RS-232C serial console	port
Physical characteristics	Dimensions	8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)
	Weight	3 lb. (1.36 kg), Fully loaded Shipping Weight
Mounting	Mounts in EIA-standard 1	9 inch telco rack or equipment cabinet, table top, or wall mount
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)
	Operating relative humidity	10% to 90%, non-condensing
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)
Electrical characteristics	Voltage	100-240 VAC
	Frequency	50 / 60 Hz
Safety	UL 60950-1; EN 60950-	1
Emissions	EN 55022 Class B; EN 55024	
Features	VCX V7111 Analog Gateways	
	 G.165 and G.168 VAD; CNG; Dynam FXO/FXS loop start User defined Call P DiffServ; TOS; 802 	Progress Tones
	VCX V7122 Digital Gatev	vays
	 G.165 & G.168 Ed VAD; CNG; Dynam CAS & PRI protocol User defined Call P G.711, G.723, G. G.711, G.723, G. 	3551; TIA 464A, 464B cho Cancellation Compliant nic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging ls: MF-R1; MFC R2, E&M wink start; delay dial; immediate start Progress Tones 726, G.727, G.729a CODECS 726, G.727, G.729a CODECS 726, G.727, G.729a CODECS
Services	3-year, 4-hour onsite, 13: 3-year, 4-hour onsite, 24: 3-year, 4-hour onsite, 24: 3-year, 24x7 SW phone s	next-day advance exchange (UW146E) x5 coverage for hardware (UW147E) x7 coverage for hardware (UW150E) x7 coverage for hardware, 24x7 software phone support (UW153E) upport, software updates (UW156E) x5 coverage for hardware (UW148E)



Technical Specifications

4-year, 4-hour onsite, 24x7 coverage for hardware (UW151E)
4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW154E)
4-year, 24x7 SW phone support, software updates (UW157E)
5-year, 4-hour onsite, 13x5 coverage for hardware (UW149E)
5-year, 4-hour onsite, 24x7 coverage for hardware (UW152E)
5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E)
5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW155E)
5-year, 24x7 SW phone support, software updates (UW158E)
3 Yr 6 hr Call-to-Repair Onsite (UW169E)
4 Yr 6 hr Call-to-Repair Onsite (UW161E)

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7111 2-channe	el Analog FXS/2-channel A	nalog FXO Gateway (JE372A)
Ports	2 RJ-11 FXS ports	
	2 RJ-11 FXO ports	
	1 RJ-45 auto-sensing 10/ half or full	100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex:
	1 RS-232C serial console port	
Physical characteristics	Dimensions	8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)
	Weight	3 lb. (1.36 kg), Fully loaded Shipping Weight
Mounting	Mounts in EIA-standard 19 inch telco rack or equipment cabinet, table top, or wall mount	
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)
	Operating relative humidity	10% to 90%, non-condensing
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)
Electrical characteristics	Voltage	100-240 VAC
	Frequency	50 / 60 Hz
Safety	UL 60950-1; EN 60950-1	
Emissions	EN 55022 Class B; EN 55024	
Features	VCX V7111 Analog Gateways	
	 RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 	
	VCX V7122 Digital Gatev	vays
		3551; TIA 464A, 464B ho Cancellation Compliant



Technical Specifications

	 VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODECS
Services	 3-year, parts only, global next-day advance exchange (UW130E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW131E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW134E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW137E) 3-year, 24x7 SW phone support, software updates (UW140E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW132E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW132E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW135E) 4-year, 24x7 SW phone support, software updates (UW141E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW133E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW134E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW136E) 5-year, 24x7 SW phone support, software updates (UW142E) 3 Yr 6 hr Call-to-Repair Onsite (UW143E) 4 Yr 6 hr Call-to-Repair Onsite (UW144E) 5 Yr 6 hr Call-to-Repair Onsite (UW145E)
	Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7111 4-channe	111 4-channel Analog FXS/4-channel Analog FXO Gateway (JE373A)		
Ports	4 RJ-11 FXS ports		
	4 RJ-11 FXO ports		
	1 RJ-45 auto-sensing 10/100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duple> half or full		
	1 RS-232C serial console port		
Physical characteristics	Dimensions	8.7(d) x 6.8(w) x 1.6(h) in. (22.1 x 17.27 x 4.06 cm) (1U height)	
	Weight	3 lb. (1.36 kg), Fully loaded Shipping Weight	
Mounting	Mounts in EIA-standard 19 inch telco rack or equipment cabinet, table top, or wall mount		
Environment	Operating temperature	41°F to 104°F (5°C to 40°C)	
	Operating relative humidity	10% to 90%, non-condensing	
	Non-operating/Storage temperature	-13°F to 185°F (-25°C to 85°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
Safety	UL 60950-1; EN 60950-	1	
Emissions	EN 55022 Class B; EN 55024		
Features	VCX V7111 Analog Gate	ways	



Technical Specifications

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	 RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS
	VCX V7122 Digital Gateways
	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS
	 3-year, parts only, global next-day advance exchange (UW146E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW147E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW150E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW153E) 3-year, 24x7 SW phone support, software updates (UW156E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW148E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW151E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW154E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW154E) 4-year, 24x7 SW phone support, software updates (UW157E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW149E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW152E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW158E) 3 Yr 6 hr Call-to-Repair Onsite (UW159E) 4 Yr 6 hr Call-to-Repair Onsite (UW160E) 5 Yr 6 hr Call-to-Repair Onsite (UW161E)

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7122 1-Span E1/T1 Digital VolP Gateway (JE374A)

Ports	1 I/O module slot	
	1 T1/E1 port	
	2 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full	
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.5 x 4.4 cm) (1U height)
	Weight	9.26 lb. (4.2 kg)
Mounting	Mounts in EIA-standard 1	9 inch telco rack or equipment cabinet, table top, or wall mount



Services

Technical Specifications

rating temperature rating relative dity operating/Storage	32°F to 104°F (0°C to 40°C) 10% to 90%, non-condensing	
dity	10% to 90%, non-condensing	
operating/Storage		
erature	-40°F to 158°F (-40°C to 70°C)	
ge	100-240 VAC	
Jency	50 / 60 Hz	
S	Supports 90-260 VAC @ 47-63 Hz	
0950-1; EN 60950-1	; ACA TS 001	
5022 Class B; EN 55	024	
VCX V7111 Analog Gateways		
G.165 and G.168 I VAD; CNG; Dynam FXO/FXS loop start User defined Call Pr DiffServ; TOS; 802.	551, 2833; TIA 464A, 464B Echo Cancellation Compliant ic Programmable Jitter Buffer rogress Tones 1 p/Q VLAN Tagging 726, G.727, G.729a CODECS	
VCX V7122 Digital Gateways		
 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS 		
 3-year, parts only, global next-day advance exchange (UW162E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW163E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW166E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW169E) 3-year, 24x7 SW phone support, software updates (UW172E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW164E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 4-year, 24x7 SW phone support, software updates (UW173E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW165E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW165E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW168E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW171E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW171E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW171E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW171E) 5-year, 24x7 SW phone support, software updates (UW174E) 3 Yr 6 hr Call-to-Repair Onsite (UW175E) 4 Yr 6 hr Call-to-Repair Onsite (UW177E) Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your 		
	ge ge yency s 0950-1; EN 60950-1 5022 Class B; EN 55 /7111 Analog Gatew RFC 3261, 3550, 3 G.165 and G.168 I VAD; CNG; Dynam FXO/FXS loop start User defined Call Pr DiffServ; TOS; 802. G.711, G.723, G.7 /7122 Digital Gatew RFC 2833, 3550, 3 G.165 & G.168 Ed VAD; CNG; Dynam CAS & PRI protocols User defined Call Pr G.711, G.723, G.7 G.711, G.723, G.7	

local HP sales office.

Technical Specifications

HP VCX V7122 1-Span E Ports	1 I/O module slot		
	1 T1/E1 port		
	2 auto-sensing 10/100 pe or full	orts (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half	
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.5 x 4.4 cm) (1U height)	
	Weight	9.26 lb. (4.2 kg)	
Mounting	Mounts in EIA-standard 1	9 inch telco rack or equipment cabinet, table top, or wall mount	
Environment	Operating temperature	32°F to 104°F (0°C to 40°C)	
	Operating relative humidity	10% to 90%, non-condensing	
	Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
	Notes	Supports 90-260 VAC @ 47-63 Hz	
Safety	UL 60950-1; EN 60950-	1; ACA TS 001	
Emissions	EN 55022 Class B; EN 5	5024	
Features	VCX V7111 Analog Gateways		
	 G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 		
	VCX V7122 Digital Gateways		
	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS 		
Notes	Middle East country varia		
Services	 3-year, parts only, global next-day advance exchange (UW162E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW163E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW166E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW169E) 3-year, 24x7 SW phone support, software updates (UW172E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW164E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW164E) 		



Technical Specifications

4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW170E)
4-year, 24x7 SW phone support, software updates (UW173E)
5-year, 4-hour onsite, 13x5 coverage for hardware (UW165E)
5-year, 4-hour onsite, 24x7 coverage for hardware (UW168E)
5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW171E)
5-year, 24x7 SW phone support, software updates (UW174E)
3 Yr 6 hr Call-to-Repair Onsite (UW175E)
4 Yr 6 hr Call-to-Repair Onsite (UW177E)

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7122 2-span E	1/T1 Digital VolP Gateway	(JE376A)
Ports	1 I/O module slot	
	2 T1/E1 ports	
	2 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: ho or full	
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.5 x 4.4 cm) (1U height)
	Weight	9.48 lb. (4.3 kg)
Mounting	Mounts in EIA-standard 1	9 inch telco rack or equipment cabinet, table top, or wall mount
Environment	Operating temperature	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	10% to 90%, non-condensing
	Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
Electrical characteristics	Voltage	100-240 VAC
	Frequency	50 / 60 Hz
	Notes	Supports 90-260 VAC @ 47-63 Hz
Safety	UL 60950-1; EN 60950-	1; ACA TS 001
Emissions	EN 55022 Class B; EN 55024	
Features	 VCX V7111 Analog Gateways RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 	
VCX V7122 Digital Ga		vays
	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging 	



HP VCX V71xx Gateway Series

Technical Specifications

	 CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODEC
Services	 3-year, parts only, global next-day advance exchange (UW162E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW163E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW166E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW169E) 3-year, 24x7 SW phone support, software updates (UW172E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW164E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW165E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW165E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW165E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW168E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW178E) 3 Yr 6 hr Call-to-Repair Onsite (UW175E) 4 Yr 6 hr Call-to-Repair Onsite (UW177E) Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and the term and t

Reter to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7122 2-span E1/T1 Digital VolP Gateway (ME) (JE377A)			
Ports	1 I/O module slot		
	2 T1/E1 ports		
	2 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full		
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.50 x 4.4 cm) (1U height)	
	Weight	9.48 lb. (4.3 kg)	
Mounting	Mounts in EIA-standard 19 inch telco rack or equipment cabinet, table top, or wall mount		
Environment	Operating temperature	32°F to 104°F (0°C to 40°C)	
	Operating relative humidity	10% to 90%, non-condensing	
	Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
	Notes	Supports 90-260 VAC @ 47-63 Hz	
Safety	UL 60950-1; EN 60950-1; ACA TS 001		
Emissions	EN 55022 Class B; EN 55024		
Features	VCX V7111 Analog Gate	ways	

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• RFC 3261, 3550, 3551, 2833; TIA 464A, 464B

HP VCX V71xx Gateway Series

QuickSpecs

Technical Specifications

	 G. 165 and G. 168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS
	VCX V7122 Digital Gateways
	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS
Notes	Middle East country variant
Notes Services	 3-year, parts only, global next-day advance exchange (UW162E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW163E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW166E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW169E) 3-year, 24x7 SW phone support, software updates (UW172E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW164E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW167E) 5-year, 24x7 SW phone support, software updates (UW173E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW165E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW165E) 5-year, 24x7 SW phone support, software updates (UW174E) 3 Yr 6 hr Call-to-Repair Onsite (UW175E) 4 Yr 6 hr Call-to-Repair Onsite (UW176E) 5 Yr 6 hr Call-to-Repair Onsite (UW177E)
	Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7122 4-span E1/T1 Digital VolP Gateway (JE378A)

Ports	1 I/O module slot	
	4 T1/E1 ports	
	2 auto-sensing 10/100 pe or full	orts (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.5 x 4.4 cm) (1U height)
	Weight	9.7 lb. (4.4 kg)
Mounting	Mounts in EIA-standard 1	9 inch telco rack or equipment cabinet, table top, or wall mount



Technical Specifications

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Operating temperature	32°F to 104°F (0°C to 40°C)	
Operating relative humidity	10% to 90%, non-condensing	
Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	
Voltage	100-240 VAC	
Frequency	50 / 60 Hz	
Notes	Supports 90-260 VAC @ 47-63 Hz	
UL 60950-1; EN 60950-	1; ACA TS 001	
EN 55022 Class B; EN 5	5024	
VCX V7111 Analog Gate	ways	
 G.165 and G.168 VAD; CNG; Dynam FXO/FXS loop start User defined Call P DiffServ; TOS; 802 	rogress Tones	
VCX V7122 Digital Gateways		
 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS 		
 3-year, parts only, global next-day advance exchange (UW178E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW179E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UV987E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW828E) 3-year, 24x7 SW phone support, software updates (UW831E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UV988E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UV986E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UV986E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV989E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV989E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV983E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV983E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV985E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV985E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UV833E) 5 Yr 6 hr Call-to-Repair Onsite (UW834E) 4 Yr 6 hr Call-to-Repair Onsite (UW835E) 5 Yr 6 hr Call-to-Repair Onsite (UW836E) Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your level HP actes affice.		
	Operating temperature Operating relative humidity Non-operating/Storage temperature Voltage Frequency Notes UL 60950-1; EN 60950- EN 55022 Class B; EN 55 VCX V7111 Analog Gate • RFC 3261, 3550, 3 • G.165 and G.168 • VAD; CNG; Dynam • FXO/FXS loop start • User defined Call P • DiffServ; TOS; 802 • G.711, G.723, G. VCX V7122 Digital Gatev • RFC 2833, 3550, 3 • G.165 & G.168 Ec • VAD; CNG; Dynam • CAS & PRI protocol • User defined Call P • G.711, G.723, G. • G.711, G.	

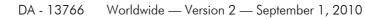


local HP sales office.

Technical Specifications

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•	E1/T1 Digital VoIP Gateway (JE379A)		
Ports	1 I/O module slot 8 T1/E1 ports		
		orts (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half	
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.5 x 4.4 cm) (1U height)	
,	Weight	10.14 lb. (4.6 kg)	
Mounting	-	9 inch telco rack or equipment cabinet, table top, or wall mount	
Environment	Operating temperature	32°F to 104°F (0°C to 40°C)	
	Operating relative humidity	10% to 90%, non-condensing	
	Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
	Notes	Supports 90-260 VAC @ 47-63 Hz	
Safety	UL 60950-1; EN 60950-	1; ACA TS 001	
Emissions	EN 55022 Class B; EN 5	5024	
Features	VCX V7111 Analog Gateways		
	 FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 		
	VCX V7122 Digital Gateways		
	 G.165 & G.168 Ed VAD; CNG; Dynan CAS & PRI protocol User defined Call P G.711, G.723, G. G.711, G.723, G. 	3551; TIA 464A, 464B cho Cancellation Compliant nic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging ls: MF-R1; MFC R2, E&M wink start; delay dial; immediate start Progress Tones 726, G.727, G.729a CODECS 726, G.727, G.729a CODECS 726, G.727, G.729a CODEC	
Services	3-year, parts only, global 3-year, 4-hour onsite, 13 3-year, 4-hour onsite, 24 3-year, 4-hour onsite, 24 3-year, 24x7 SW phone s 4-year, 4-hour onsite, 13 4-year, 4-hour onsite, 24	next-day advance exchange (UW837E) x5 coverage for hardware (UW838E) x7 coverage for hardware (UW841E) x7 coverage for hardware, 24x7 software phone support (UW844E) upport, software updates (UW847E) x5 coverage for hardware (UW839E) x7 coverage for hardware (UW842E) x7 coverage for hardware, 24x7 software phone (UW845E)	



HP VCX V71xx Gateway Series

Technical Specifications

4-year, 24x7 SW phone support, software updates (UW848E)
5-year, 4-hour onsite, 13x5 coverage for hardware (UW840E)
5-year, 4-hour onsite, 24x7 coverage for hardware (UW843E)
5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW846E)
5-year, 24x7 SW phone support, software updates (UW849E)
3 Yr 6 hr Call-to-Repair Onsite (UW850E)
4 Yr 6 hr Call-to-Repair Onsite (UW851E)
5 Yr 6 hr Call-to-Repair Onsite (UW852E)

Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP VCX V7122 16-span	E1/T1 Digital VolP Gatewa	y (JE380A)	
Ports	1 I/O module slot		
	2 T1/E1 ports		
	2 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full		
Physical characteristics	Dimensions	11.81(d) x 17.52(w) x 1.73(h) in. (30 x 44.5 x 4.4 cm) (1U height)	
	Weight	10.58 lb. (4.8 kg)	
Mounting	Mounts in EIA-standard 1	9 in. telco rack or equipment cabinet, table top, or wall mount	
Environment	Operating temperature	32°F to 104°F (0°C to 40°C)	
	Operating relative humidity	10% to 90%, non-condensing	
	Non-operating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	
Electrical characteristics	Voltage	100-240 VAC	
	Frequency	50 / 60 Hz	
	Notes	Supports 90-260VAC @ 47-63Hz	
Safety	UL 60950-1; EN 60950-	1; ACA TS 001	
Emissions	EN 55022 Class B; EN 55024		
Features	 VCX V7111 Analog Gateways RFC 3261, 3550, 3551, 2833; TIA 464A, 464B G.165 and G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter Buffer FXO/FXS loop start User defined Call Progress Tones DiffServ; TOS; 802.1 p/Q VLAN Tagging G.711, G.723, G.726, G.727, G.729a CODECS 		
VCX V7122 Digital Gateways		vays	
	 RFC 2833, 3550, 3551; TIA 464A, 464B G.165 & G.168 Echo Cancellation Compliant VAD; CNG; Dynamic Programmable Jitter BufferDiffServ; 802.1 p/Q VLAN Tagging CAS & PRI protocols: MF-R1; MFC R2, E&M wink start; delay dial; immediate start 		



HP VCX V71xx Gateway Series

Technical Specifications

	 User defined Call Progress Tones G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODECS G.711, G.723, G.726, G.727, G.729a CODEC
Services	 3-year, parts only, global next-day advance exchange (UW853E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UW854E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW857E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW860E) 3-year, 24x7 SW phone support, software updates (UW863E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UW855E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW858E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW861E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW861E) 4-year, 24x7 SW phone support, software updates (UW864E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UW856E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW856E) 5-year, 24x7 SW phone support, software updates (UW865E) 5-year, 24x7 SW phone support, software updates (UW865E) 5-year, 24x7 SW phone support, software updates (UW865E) 5 Yr 6 hr Call-to-Repair Onsite (UW866E) 4 Yr 6 hr Call-to-Repair Onsite (UW868E) Refer to the HP website at: www.hp.com/networking/services for details on the service-level descriptions
	and product numbers. For details about services and response times in your area, please contact your local HP sales office.

To learn more, visit: www.hp.com/networking

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