

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:**
 - 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-channel Analog FXS Gateway (JE371A)

Ports	2 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-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 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
- 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 (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)



Technical Specifications

- 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)

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 FXS Gateway (JE366A)

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



Technical Specifications

	<ul style="list-style-type: none"> • 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, 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 (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)

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-channel Analog FXS Gateway (JE367A)

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 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 <ul style="list-style-type: none"> • 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



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
- 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 (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 (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)

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 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 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	



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
- G.711, G.723, G.726, G.727, G.729a CODECS
- G.711, G.723, G.726, G.727, G.729a CODEC

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, 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, 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



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 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 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
- 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 (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, 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 (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)



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-channel Analog FXO Gateway (JE370A)

Ports	8 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	
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 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
- 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 (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)



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, 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 2-channel Analog FXS/2-channel Analog FXO Gateway (JE372A)

Ports	2 RJ-11 FXS ports	
	2 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	
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 Gateways

- RFC 2833, 3550, 3551; TIA 464A, 464B
- G.165 & G.168 Echo 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 CODEC

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, 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 (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)

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 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); 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 55024	
Features	VCX V7111 Analog Gateways	



Technical Specifications

- 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
- 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 (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, 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, 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 V7122 1-Span E1/T1 Digital VoIP 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 19 inch telco rack or equipment cabinet, table top, or wall mount		



Technical Specifications

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 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
- 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 (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, 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 (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.



Technical Specifications

HP VCX V7122 1-Span E1/T1 Digital VoIP Gateway (ME) (JE375A)

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 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 Gateways	
	<ul style="list-style-type: none"> • 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
- G.711, G.723, G.726, G.727, G.729a CODECS
- G.711, G.723, G.726, G.727, G.729a CODEC

Notes Middle East country variant

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)



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 (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 2-span E1/T1 Digital VoIP 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: 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	9.48 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 Gateways	
	<ul style="list-style-type: none">● 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



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)
- 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 (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 2-span E1/T1 Digital VoIP 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 Gateways	
	<ul style="list-style-type: none"> • RFC 3261, 3550, 3551, 2833; TIA 464A, 464B 	



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
- G.711, G.723, G.726, G.727, G.729a CODECS
- G.711, G.723, G.726, G.727, G.729a CODEC

Notes

Middle East country variant

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, 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 (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 VoIP Gateway (JE378A)

Ports	1 I/O module slot	
	4 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	9.7 lb. (4.4 kg)
Mounting	Mounts in EIA-standard 19 inch telco rack or equipment cabinet, table top, or wall mount	



Technical Specifications

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 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
- 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 (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, 13x5 coverage for hardware (UW180E)
	4-year, 4-hour onsite, 24x7 coverage for hardware (UV988E)
	4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW829E)
	4-year, 24x7 SW phone support, software updates (UW832E)
	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, 24x7 software phone (UW830E)
	5-year, 24x7 SW phone support, software updates (UW833E)
	3 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 local HP sales office.



Technical Specifications

HP VCX V7122 8-span E1/T1 Digital VoIP Gateway (JE379A)

Ports	1 I/O module slot	
	8 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	10.14 lb. (4.6 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 Gateways	

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
- 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 (UW837E)
	3-year, 4-hour onsite, 13x5 coverage for hardware (UW838E)
	3-year, 4-hour onsite, 24x7 coverage for hardware (UW841E)
	3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW844E)
	3-year, 24x7 SW phone support, software updates (UW847E)
	4-year, 4-hour onsite, 13x5 coverage for hardware (UW839E)
	4-year, 4-hour onsite, 24x7 coverage for hardware (UW842E)
	4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW845E)



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 VoIP Gateway (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 19 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	
	<ul style="list-style-type: none"> • 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



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, 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 (UW859E)
- 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW862E)
- 5-year, 24x7 SW phone support, software updates (UW865E)
- 3 Yr 6 hr Call-to-Repair Onsite (UW866E)
- 4 Yr 6 hr Call-to-Repair Onsite (UW867E)
- 5 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

© Copyright 2010 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

