



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 4

List View

General Information | [Contact](#) | [Default Values](#) | [Discount](#) | [Document Information](#) | [Clarification Request](#)

Procurement Folder: 1128214

Procurement Type: Central Purchase Order

Vendor ID: VS0000009159

Legal Name: AITA CONSULTING SERVICES INC

Alias/DBA:

Total Bid: \$91,153.49

Response Date: 11/29/2022

Response Time: 11:30

Responded By User ID: Richard2016

First Name: KEVIN

Last Name: KUMAR

Email: KEVIN@AITACS.COM

Phone: 732-658-4594

SO Doc Code: CRFQ

SO Dept: 0432

SO Doc ID: DCH2300000002

Published Date: 11/22/22

Close Date: 11/29/22

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum No. 1 Culture Center: Networking Equipment

Total of Header Attachments: 4

Total of All Attachments: 4



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1128214
Solicitation Description: Addendum No. 1 Culture Center: Networking Equipment
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2022-11-29 13:30	SR 0432 ESR11292200000002544	1

VENDOR
 VS0000009159
 AITA CONSULTING SERVICES INC

Solicitation Number: CRFQ 0432 DCH2300000002
Total Bid: 91153.49000000000523868948221 **Response Date:** 2022-11-29 **Response Time:** 11:30:19
Comments:

FOR INFORMATION CONTACT THE BUYER
 Toby L Welch
 (304) 558-8802
 toby.l.welch@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Network Switches				91153.49

Comm Code	Manufacturer	Specification	Model #
43222612			

Commodity Line Comments: EXTREME NETWORKS

Extended Description:

Vendor must enter a price on each line of Exhibit A pricing page and return the pricing page with their bid. Vendors should enter the grand total amount into the contract amount on the commodity line. the total cost must be a lump sum amount including all incidentals including freight charges.



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Info Technology

Proc Folder: 1128214		Reason for Modification:	
Doc Description: Addendum No. 1 Culture Center: Networking Equipment		Addendum No.1 is issued to publish questions and answers and to modify the bid opening date	
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-11-22	2022-11-29 13:30	CRFQ 0432 DCH2300000002	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: · VS0000009159
Vendor Name : AITA Consulting Services, Inc
Address : 825 Georges Rd, 3rd Floor, North Brunswick, NJ – 08902.
Street : 825 Georges Rd, 3rd Floor,
City : North Brunswick
State : NJ **Country :** U.S **Zip :** 08902
Principal Contact : Kevin Kumar
Vendor Contact Phone: (732) 658-4594 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 Toby L Welch
 (304) 558-8802
 toby.l.welch@wv.gov

Michael
 Vendor Signature X

20-4246891
 FEIN#

11/29/2022
 DATE

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No. 1 is published for the following reasons:

- 1) To publish the questions and answers
- 2) To modify the bid opening date from 11/22/22 to 11/29/22

--no other changes--

INVOICE TO		SHIP TO	
DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV US		DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Network Switches	1		\$91,153.49	\$91,153.49

Comm Code	Manufacturer	Specification	Model #
43222612	EXTREME NETWORKS		

Extended Description:
 Vendor must enter a price on each line of Exhibit A pricing page and return the pricing page with their bid. Vendors should enter the grand total amount into the contract amount on the commodity line. the total cost must be a lump sum amount including all incidentals including freight charges.

SCHEDULE OF EVENTS		
<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Questions are due by 4:00 p.m.	2022-11-15

SOLICITATION NUMBER: CRFQ DCH2200000002

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Addendum No. 1 is published for the following reasons:

- 1) To publish the questions and answers
- 2) To modify the bid opening date from 11/22/22 to 11/29/22

--no other changes--

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DCH22*002

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

AITA Consulting Services, Inc

Company



Authorized Signature

11/29/2022

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012

CRFQ DCH2300000002

Culture Center Networking Equipment

Q1: Will the State of West Virginia accept a response with Extreme switching and wireless and an alternate manufacturer for wireless on the same response?

A:1 Yes. Vendors submitting an alternate brand must include documentation confirming interoperability with Aerohive hardware with their bid. Vendor must include alternate brand information with alternative part numbers on the Pricing Sheet.

Q:2 From the excel document that you have provided, sheet 2 shows some hardware equipment that is not listed in the required specifications. Could you please let me know if I should include them or not? * SEE ATTACHED

A:2 No. Sheet 2 was attached in error. The other components will be bid out in separate solicitations.

Q:3 Is this solicitation just for the Cultural Center in downtown Charleston, or are there additional network needs at the other museum sites?

A:3 This solicitation is just for the Culture Center in Charleston. There may be a need in the future for networking equipment at the other museum sites and public libraries.

Q:4 Does the Cultural Center seek just wired network hardware, or do they also need a wireless network to go with their new wired network?

A:4 The Culture Center is just seeking wired network hardware. The wireless network operates off the Aerohive cloud established by the WV State Office of Technology.

Q:5 How many wiring closets does the Cultural Center have?

A:5 Eleven.

CRFQ DCH2300000002

Culture Center Networking Equipment

Q:6 How many wired network connections does the Cultural Center need?

A:6 The Culture Center has acquired 922 jacks.

Q:7 Do they have a data center?

A:7 The WV Office of Technology.

Q:8 Is there a need for network security with this network equipment?

A:8 No.

Q:9 Does the Cultural Center plan to do their own network equipment installation and configuration, or do they need an installed-and-configured new network?

A:9 The Culture Center Technical Services Unit will be installing the cabling and the Office of Technology will be installing the network equipment.

Q:10 What type of network equipment are they replacing?

A:10 The entire network infrastructure of the building needs replaced in order to install and use VoIP phones (i.e., cabling, patch panels, racks, wireless access points, switches, etc.).



AITA Technologies

(A Aita Consulting Services, Inc. Company)

A Woman and Minority owned Small Business

825 Georges Rd, 3rd Floor, North Brunswick, NJ – 08902

Quotation

Date:11/29/2022

WOSB	M/WBE	SBE	ISO 9001
FEIN: 20-4246891	DUNS: 025425934	CAGE: 5A1Z3	SAM Registered

AITA Quote#: MAQ0427	RFQ#: CRFQ-0432-DCH2300000002-2
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To Toby L Welch Purchasing Division WV DIVISION OF CULTURE AND HISTORY Phone: (304) 558-8802 Email: toby.l.welch@wv.gov	From Michael A Accounts Manager and Inside Sales Phone: (908) 818-1239 Fax: (732) 960-6819 Email: michael@aitacs.com
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Sno	Part#	Description	Qty	Unit Price	Ext Price
1	5320-48P-8XE	EXTREME NETWORKS EXTREMESWITCHING 5320 UNIV SWCH W/ 48 X 10/100/1000BASE-T	10	\$4,814.56	\$48,145.60
2	5320-16P-4XE	EXTREME NETWORKS EXTREMESWITCHING 5320 UNIV SWCH W/ 16 X 10/100/1000BASE-T	3	\$2,607.30	\$7,821.90
3	5320-24P-8XE	EXTREME NETWORKS EXTREMESWITCHING 5320 UNIV SWCH W/ 24 X 10/100/1000BASE-T	5	\$2,871.37	\$14,356.85
4	AP305C-FCC	EXTREME NETWORKS EXTREMEWIRELESS CLD INDR WLS6 2X2 DUAL 5GH AI/ML GRN ANT	29	\$430.55	\$12,485.95
5	97000-AP305C-FCC	EXTREME NETWORKS EXTREMEWORKS SOFTWARE AND TAC - TECHNICAL SUPPORT - 1 YEAR EW TAC & OS AP305C-FCC	29	\$21.45	\$622.05
6	XIQ-PIL-S-C-EW	EXTREME NETWORKS EXTREMECLOUD IQ PILOT EW 1 DEV	29	\$96.56	\$2,800.24
7	97004-5320-48P-8XE	EXTREME NETWORKS EW NBD AHR 5320-48P-8XE	10	\$333.90	\$3,339.00
8	97004-5320-16P-4XE	EXTREME NETWORKS EW NBD AHR 5320-16P-4XE	3	\$181.10	\$543.30
9	97004-5320-24P-8XE	EXTREME NETWORKS EW NBD AHR 5320-24P-8XE	5	\$207.72	\$1,038.60
				Sub Total	\$91,153.49
				Tax	\$0.00
				Total	\$91,153.49

Comments

- FOB - Destination.
- Payment terms are Net 30.
- Estimated delivery is within 30 business days ARO.
- Standard manufacturer warranty.
- Quote Validity - 12/30/2022

If you have any questions, or need any changes in the configuration, please contact me.

Thanks,

Michael A

Accounts Manager and Inside Sales

Phone: (908) 818-1239

Fax: (732) 960-6819

Email: michael@aitacs.com || Website: www.aitatechnologies.com

EXHIBIT A - PRICING PAGE

Specification Reference	Contract Item Number	Description	Part Number or Equal	Alternate Part # and Description of or equal Products	Quantity	Unit of Measure	Unit Price	Extended Price Total
3.1.1	#1	Extreme Networks® ExtremeSwitching 5320 Universal Switch (5320-48P-8XE), or Equal	5320-48P-8XE		10	ea	\$4,814.56	\$48,145.60
3.1.2	#2	Extreme Networks® ExtremeSwitching 5320 Universal Switch (5320-16P-4XE), or Equal	5320-16P-4XE		3	ea	\$2,607.30	\$7,821.90
3.1.3	#3	Extreme Networks® ExtremeSwitching 5320 Universal Switch (5320-24P-8XE), or Equal	5320-24P-8XE		5	ea	\$2,871.37	\$14,356.85
3.1.4	#4	Extreme Networks® ExtremeCloud IQ (AP 305C-FCC), or Equal	AP305C-FCC		29	ea	\$430.55	\$12,485.95
3.1.5	#5	Extreme Networks® Advanced Hardware Support (97000-AP305C-FCC), or Equal	97000-AP305C-FCC		29	ea	\$21.45	\$622.05
3.1.6	#6	Extreme Networks® ExtremeCloud IQ Support and Management Subscription for Access Points (XIQ-PIL-S-C-EW), or Equal	XIQ-PIL-S-C-EW		29	ea	\$96.56	\$2,800.24
3.1.7	#7	Extreme Networks® Advanced Hardware Support (97004-5320-48P-8XE), or Equal	97004-5320-48P-8XE		10	ea	\$333.90	\$3,339.00
3.1.8	#8	Extreme Networks® Advanced Hardware Support (97004-5320-16P-4XE), or Equal	97004-5320-16P-4XE		3	ea	\$181.10	\$543.30
3.1.9	#9	Extreme Networks® Advanced Hardware Support (97004-5320-24P-8XE), or Equal	97004-5320-24P-8XE		5	ea	\$207.72	\$1,038.60

TOTAL:

\$91,153.49

Vendors should complete the contract coordinator information below:	
VENDOR NAME:	AITA Consulting Services, Inc
CONTRACT MANAGER:	Kevin Kumar
PHONE:	(732) 658-4594
FAX:	(732) 960-6819
EMAIL:	kevin@aitacs.com

AUTHORIZED REPRESENTATIVE:



11/29/2022

(Signature)/(Date)

EXTREME NETWORKS EXTREMESWITCHING 5320-48P-8XE - SWITCH - 48 PORTS - MANAGED - RACK-MOUNTABLE

MFR#:5320-48P-8XE



DESCRIPTION

Description: 5320 UNIV SWCH W/ 48 X 10/100/1000BASE-T

Extreme Networks ExtremeSwitching 5320-48P-8XE - Switch - L3 - managed - 48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable) - rack-mountable - PoE (740 W) - AC

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeSwitching 5320-48P-8XE - switch - 48 ports - managed - rack-mountable
Device Type	Switch - 48 ports - L3 - managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable)
Power Over Ethernet (PoE)	PoE
PoE Budget	740 W
Performance	Aggregate bandwidth: 256 Gbps Frame rate: 190.5 Mpps
MAC Address Table Size	32000 entries

Remote Management Protocol	CLI
Features	Auto-sensing per device, half duplex mode, full duplex mode, MACsec support
Compliant Standards	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3at, IEEE 802.3az
Power	AC
Dimensions (WxDxH)	17.3 in x 13 in x 1.7 in
Weight	11.02 lbs
EXTENDED SPECIFICATIONS	
General	
Device Type	Switch - 48 ports - L3 - managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable)
Power Over Ethernet (PoE)	PoE
PoE Budget	740 W
Performance	Aggregate bandwidth: 256 Gbps Frame rate: 190.5 Mpps
MAC Address Table Size	32000 entries
Max Units In A Stack	8
Remote Management Protocol	CLI
Features	Auto-sensing per device, half duplex mode, full duplex mode, MACsec support
Compliant Standards	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3at, IEEE 802.3az
Expansion / Connectivity	
Interfaces	48 x 10/100/1000 Base-T RJ-45 8 x 1/10GBase-X SFP+ 1 x serial (console) RJ-45 1 x management (Gigabit LAN) RJ-45 1 x USB 1 x console (micro-USB)
Power	
Power Device	Internal power supply
Installed Qty	1
Voltage Required	AC
Miscellaneous	
Rack Mounting Kit	Included

Compliant Standards	BSMI, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, EN55024, AS/NZS 60950-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, CCC, EMC, ICES-003 Class A, EN 61000-4-5, EN 61000-4-11, UL 60950-1, KCC, ANATEL, CDRH, CSA C22.2 No. 60950-1 Second Edition, VCCI Class A, EAC, EN 61000-3-3:2013, EMC 2014/30/EU, EN 61000-3-2:2014, FCC CFR47 Part 15 A, LVD 2014/35/EU, EN 300 386, EN 62368-1, EN 55032 Class A, CISPR 32, NRCS, ACMA RCM, IEEE 802.3at, EN 60825-1 Class 1, EN60950-1 (2nd Edition), IEEE 802.3ae, IEEE 802.3az, FCC CFR21 Part 1040.10, AS/NZS CISPR 32, IEC 62368-1 CB Scheme, Mexico NOM, UL/CUL 62368-1, IEC 60950-1 (CB Certificate), IEEE 802.3ab, CISPR 24 Class A
Software / System Requirements	
Software Included	Base Software License, ExtremeCloud IQ Pilot (1 year)
Dimensions & Weight	
Width	17.3 in
Depth	13 in
Height	1.7 in
Weight	11.02 lbs
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	122 °F
Humidity Range Operating	10 - 95% RH (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Humidity Range Storage	10 - 95% RH (non-condensing)

EXTREME NETWORKS EXTREMESWITCHING 5320 - SWITCH - 16 PORTS - MANAGED - RACK-MOUNTABLE

MFR#:5320-16P-4XE



DESCRIPTION

Description: 5320 UNIV SWCH W/ 16 X 10/100/1000BASE-T

Extreme Networks ExtremeSwitching 5320 - Switch - L3 - managed - 16 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable) - rack-mountable - PoE (185 W) - AC

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeSwitching 5320 - switch - 16 ports - managed - rack-mountable
Device Type	Switch - 16 ports - L3 - managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	16 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable)
Power Over Ethernet (PoE)	PoE
PoE Budget	185 W
Performance	Aggregate bandwidth: 112 Gbps Frame rate: 83.3 Mpps
MAC Address Table Size	32000 entries
Remote Management Protocol	CLI
Features	Auto-sensing per device, half duplex mode, full duplex mode, MACsec support

Compliant Standards	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3at, IEEE 802.3az
Power	AC
Dimensions (WxDxH)	12.2 in x 11.8 in x 1.7 in
Weight	6.61 lbs
EXTENDED SPECIFICATIONS	
General	
Device Type	Switch - 16 ports - L3 - managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	16 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable)
Power Over Ethernet (PoE)	PoE
PoE Budget	185 W
Performance	Aggregate bandwidth: 112 Gbps Frame rate: 83.3 Mpps
MAC Address Table Size	32000 entries
Max Units In A Stack	4
Remote Management Protocol	CLI
Features	Auto-sensing per device, half duplex mode, full duplex mode, MACsec support
Compliant Standards	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3at, IEEE 802.3az
Expansion / Connectivity	
Interfaces	16 x 10/100/1000 Base-T RJ-45 4 x 1/10GBase-X SFP+ 1 x serial (console) RJ-45 1 x management (Gigabit LAN) RJ-45 1 x USB 1 x console (micro-USB)
Power	
Power Device	Internal power supply
Installed Qty	1
Voltage Required	AC
Miscellaneous	
Rack Mounting Kit	Included

<p>Compliant Standards</p>	<p>BSMI, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, EN55024, AS/NZS 60950-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, CCC, EMC, ICES-003 Class A, EN 61000-4-5, EN 61000-4-11, UL 60950-1, KCC, ANATEL, CDRH, CSA C22.2 No. 60950-1 Second Edition, VCCI Class A, EAC, EN 61000-3-3:2013, EMC 2014/30/EU, EN 61000-3-2:2014, FCC CFR47 Part 15 A, LVD 2014/35/EU, EN 300 386, EN 62368-1, EN 55032 Class A, CISPR 32, NRCS, ACMA RCM, IEEE 802.3at, EN 60825-1 Class 1, EN60950-1 (2nd Edition), IEEE 802.3ae, IEEE 802.3az, FCC CFR21 Part 1040.10, AS/NZS CISPR 32, IEC 62368-1 CB Scheme, Mexico NOM, UL/CUL 62368-1, IEC 60950-1 (CB Certificate), IEEE 802.3ab, CISPR 24 Class A</p>
<p>Software / System Requirements</p>	
<p>Software Included</p>	<p>Base Software License, ExtremeCloud IQ Pilot (1 year)</p>
<p>Dimensions & Weight</p>	
<p>Width</p>	<p>12.2 in</p>
<p>Depth</p>	<p>11.8 in</p>
<p>Height</p>	<p>1.7 in</p>
<p>Weight</p>	<p>6.61 lbs</p>
<p>Environmental Parameters</p>	
<p>Min Operating Temperature</p>	<p>32 °F</p>
<p>Max Operating Temperature</p>	<p>122 °F</p>
<p>Humidity Range Operating</p>	<p>10 - 95% RH (non-condensing)</p>
<p>Min Storage Temperature</p>	<p>-40 °F</p>
<p>Max Storage Temperature</p>	<p>158 °F</p>
<p>Humidity Range Storage</p>	<p>10 - 95% RH (non-condensing)</p>

EXTREME NETWORKS EXTREMESWITCHING 5320-24P-8XE - SWITCH - 24 PORTS - MANAGED - RACK-MOUNTABLE

MFR#:5320-24P-8XE



DESCRIPTION

Description: 5320 UNIV SWCH W/ 24 X 10/100/1000BASE-T

Extreme Networks ExtremeSwitching 5320-24P-8XE - Switch - L3 - managed - 24 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable) - rack-mountable - PoE (370 W) - AC

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeSwitching 5320-24P-8XE - switch - 24 ports - managed - rack-mountable
Device Type	Switch - 24 ports - L3 - managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable)
Power Over Ethernet (PoE)	PoE
PoE Budget	370 W
Performance	Aggregate bandwidth: 208 Gbps Frame rate: 154.8 Mpps
MAC Address Table Size	32000 entries
Remote Management Protocol	CLI

Features	Auto-sensing per device, half duplex mode, full duplex mode, MACsec support
Compliant Standards	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3at, IEEE 802.3az
Power	AC
Dimensions (WxDxH)	17.3 in x 11 in x 1.7 in
Weight	8.82 lbs
EXTENDED SPECIFICATIONS	
General	
Device Type	Switch - 24 ports - L3 - managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+ + 2 x SFP-DD (stackable)
Power Over Ethernet (PoE)	PoE
PoE Budget	370 W
Performance	Aggregate bandwidth: 208 Gbps † Frame rate: 154.8 Mpps
MAC Address Table Size	32000 entries
Max Units In A Stack	8
Remote Management Protocol	CLI
Features	Auto-sensing per device, half duplex mode, full duplex mode, MACsec support
Compliant Standards	IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3at, IEEE 802.3az
Expansion / Connectivity	
Interfaces	24 x 10/100/1000 Base-T RJ-45 † 8 x 1/10GBase-X SFP+ † 1 x serial (console) RJ-45 † 1 x management (Gigabit LAN) RJ-45 † 1 x USB † 1 x console (micro-USB)
Power	
Power Device	Internal power supply
Installed Qty	1
Voltage Required	AC
Miscellaneous	
Rack Mounting Kit	Included

Compliant Standards	BSMI, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, EN55024, AS/NZS 60950-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, CCC, EMC, ICES-003 Class A, EN 61000-4-5, EN 61000-4-11, UL 60950-1, KCC, ANATEL, CDRH, CSA C22.2 No. 60950-1 Second Edition, VCCI Class A, EAC, EN 61000-3-3:2013, EMC 2014/30/EU, EN 61000-3-2:2014, FCC CFR47 Part 15 A, LVD 2014/35/EU, EN 300 386, EN 62368-1, EN 55032 Class A, CISPR 32, NRCS, ACMA RCM, IEEE 802.3at, EN 60825-1 Class 1, EN60950-1 (2nd Edition), IEEE 802.3ae, IEEE 802.3az, FCC CFR21 Part 1040.10, AS/NZS CISPR 32, IEC 62368-1 CB Scheme, Mexico NOM, UL/CUL 62368-1, IEC 60950-1 (CB Certificate), IEEE 802.3ab, CISPR 24 Class A
Software / System Requirements	
Software Included	Base Software License, ExtremeCloud IQ Pilot (1 year)
Dimensions & Weight	
Width	17.3 in
Depth	11 in
Height	1.7 in
Weight	8.82 lbs
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	122 °F
Humidity Range Operating	10 - 95% RH (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Humidity Range Storage	10 - 95% RH (non-condensing)

EXTREME NETWORKS EXTREMEWIRELESS AP305C - WIRELESS ACCESS POINT - BLUETOOTH, WI-FI 6

MFR#:AP305C-FCC



DESCRIPTION

Description: CLD INDR WLS6 2X2 DUAL 5GH AI/ML GRN ANT

Extreme Networks ExtremeWireless AP305C - Wireless access point - Bluetooth, Wi-Fi 6 - 2.4 GHz, 5 GHz

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeWireless AP305C - wireless access point - Bluetooth, Wi-Fi 6
Device Type	Wireless access point
Form Factor	External - indoor
Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac Wave 2, IEEE 802.11ax (Wi-Fi 6)
Frequency Band	2.4 GHz, 5 GHz
Power Over Ethernet (PoE) Supported	PoE
Dimensions (WxDxH)	5.2 in x 5.2 in x 1.5 in
Weight	13.4 oz
Manufacturer Warranty	Limited lifetime warranty
EXTENDED SPECIFICATIONS	
General	
Device Type	Wireless access point
Ruggedized Design	Indoor
Width	5.2 in
Depth	5.2 in
Height	1.5 in
Weight	13.4 oz
Networking	
Form Factor	External
Connectivity Technology	Wireless
Line Coding Format	256 QAM, 1024 QAM

Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac Wave 2, IEEE 802.11ax (Wi-Fi 6)
Spread Spectrum Method	OFDM, DSSS
Frequency Band	2.4 GHz, 5 GHz
Features	Direct Sequence Spread Spectrum (DSSS), WPA encryption, packet aggregation A-MPDU, packet aggregation A-MSDU, dual band, Orthogonal Frequency Division Multiplexing (OFDM), 2x2:2 MU-MIMO technology, security slot (Kensington security lock compatible)
Encryption Algorithm	WPA3
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.3af, IEEE 802.11g, IEEE 802.11n, IEEE 802.3at, IEEE 802.15.4, IEEE 802.11ac Wave 2, IEEE 802.11ax
Antenna	
Antenna	Internal
Internet of Things (IoT)	
Communications Technology	Bluetooth Low Energy (LE), Zigbee
Expansion / Connectivity	
Interfaces	1 x 1000Base-T (PoE) - RJ-45 1 x USB 2.0 - Type A
Miscellaneous	
Compliant Standards	IEC 60601-1-2, ICES-003 Class B, IEC 60950-1, EN 60950-1, AS/NZS 4268, EN 60601-1-2, EN 50581:2012, EN 62479:2010, RoHS 2011/65/EU, EN 50385, EN 61000-3-3:2013, EN 62311:2008, EN 61000-3-2:2014, FCC CFR47 Part 15 B Class B, RSS-247, EN 55024:2010+A1:2015, EN 55011:2009+A1:2010, CISPR 32, FCC Subpart C 15.247, FCC Subpart E 15.407, EN 60601-1-2:2015, EN 300 328 V2.1.1, EN 55032:2015 Class B, EN 301 489-1 V2.1.1, EN 301 489-17 V3.1.1, EN 301 489-3 V2.1.1, EN 300 440 V2.1.1, IEC 62368, EN 62368, AN/NZS 60950.1, EN 301 893 V2.1.1, Intertek
Power	

Power Over Ethernet (PoE) Supported	PoE
Power Consumption Operational	16.28 Watt
Manufacturer Warranty	
Service & Support	Limited warranty - lifetime
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	104 °F
Humidity Range Operating	10 - 95% (non-condensing)

EXTREME NETWORKS EXTREMEWORKS SOFTWARE AND TAC - TECHNICAL SUPPORT - 1 YEAR

MFR#:97000-AP305C-FCC



DESCRIPTION

Description: *EW TAC & OS AP305C-FCC*

Extreme Networks ExtremeWorks Software and TAC - Technical support - phone consulting - 1 year - 24x7 - for P/N: AP305C-FCC

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeWorks Software and TAC - technical support - 1 year
Type	Technical support
Service Included	Phone consulting
Full Contract Period	1 year
Service Availability	24 hours a day / 7 days a week
Designed For	P/N: AP305C-FCC
EXTENDED SPECIFICATIONS	
General	
Service Included	Phone consulting
Full Contract Period	1 year
Service Availability	24 hours a day / 7 days a week
Details	
Service & Support	New releases update - 1 year Product info support - web knowledge base access - 1 year - availability: 24 hours a day / Monday-Sunday Product info support - e-mail consulting - 1 year - availability: 24 hours a day / Monday-Sunday Product info support - web support - 1 year - availability: 24 hours a day / Monday-Sunday Technical support - phone consulting - 1 year - availability: 24 hours a day / Monday-Sunday
Compatibility Information	
Designed For	P/N: AP305C-FCC

EXTREME NETWORKS EXTREMECLOUD IQ PILOT - SUBSCRIPTION LICENSE + EXTREMEWORKS SAAS SUPPORT - 1 DEVICE

MFR#:XIQ-PIL-S-C-EW



DESCRIPTION

Description: *EXTREMECLOUD IQ PILOT EW 1 DEV*

Extreme Networks ExtremeCloud IQ Pilot - Subscription license + ExtremeWorks SaaS Support - 1 device – hosted

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeCloud IQ Pilot - subscription license + ExtremeWorks SaaS Support - 1 device
Product Type	Subscription license
Category	Online & appliance based services - appliance software, cloud-based management
Installation Type	Hosted - SaaS
License Qty	1 device
Bundled Support	ExtremeWorks SaaS Support
EXTENDED SPECIFICATIONS	
General	
Category	Online & appliance based services - appliance software, cloud-based management
Product Type	Subscription license
Installation Type	Hosted - SaaS
Bundled Support	ExtremeWorks SaaS Support
Licensing	
License Qty	1 device

EXTREME NETWORKS EXTREMEWORKS NBD
ADVANCED HARDWARE REPLACEMENT - EXTENDED
SERVICE AGREEMENT - 1 YEAR - SHIPMENT

MFR#:97004-5320-48P-8XE



DESCRIPTION

Description: *EW NBD AHR 5320-48P-8XE*

Extreme Networks ExtremeWorks NBD Advanced Hardware Replacement - Extended service agreement - advance parts replacement - 1 year - shipment - response time: NBD - for P/N: 5320-48P-8XE

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeWorks NBD Advanced Hardware Replacement - extended service agreement - 1 year - shipment
Type	Extended service agreement
Service Included	Advance parts replacement
Location	Shipment
Full Contract Period	1 year
Response Time	Next business day
Designed For	P/N: 5320-48P-8XE
EXTENDED SPECIFICATIONS	
General	
Service Included	Advance parts replacement
Location	Shipment
Full Contract Period	1 year
Response Time	Next business day
Details	
Service & Support	Extended service agreement - advance parts replacement - 1 year - shipment - response time: NBD † New releases update - 1 year † Product info support - web knowledge base access - 1 year - availability: 24 hours a day / Monday-Sunday † Product info support - e- mail consulting - 1 year - availability: 24 hours a day / Monday-Sunday † Product info support - web support - 1 year - availability: 24 hours a day / Monday-Sunday † Technical support - phone consulting - 1 year - availability: 24 hours a day / Monday-Sunday
Compatibility Information	
Designed For	P/N: 5320-48P-8XE

EXTREME NETWORKS EXTREMEWORKS NBD
ADVANCED HARDWARE REPLACEMENT - EXTENDED
SERVICE AGREEMENT - 1 YEAR - SHIPMENT

MFR#:97004-5320-16P-4XE



DESCRIPTION

Description: *EW NBD AHR 5320-16P-4XE*

Extreme Networks ExtremeWorks NBD Advanced Hardware Replacement - Extended service agreement - advance parts replacement - 1 year - shipment - response time: NBD - for P/N: 5320-16P-4XE

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeWorks NBD Advanced Hardware Replacement - extended service agreement - 1 year - shipment
Type	Extended service agreement
Service Included	Advance parts replacement
Location	Shipment
Full Contract Period	1 year
Response Time	Next business day
Designed For	P/N: 5320-16P-4XE
EXTENDED SPECIFICATIONS	
General	
Service Included	Advance parts replacement
Location	Shipment
Full Contract Period	1 year
Response Time	Next business day
Details	
Service & Support	Extended service agreement - advance parts replacement - 1 year - shipment - response time: NBD New releases update - 1 year Product info support - web knowledge base access - 1 year - availability: 24 hours a day / Monday-Sunday Product info support - e-mail consulting - 1 year - availability: 24 hours a day / Monday-Sunday Product info support - web support - 1 year - availability: 24 hours a day / Monday-Sunday Technical support - phone consulting - 1 year - availability: 24 hours a day / Monday-Sunday
Compatibility Information	
Designed For	P/N: 5320-16P-4XE

EXTREME NETWORKS EXTREMEWORKS NBD ADVANCED HARDWARE REPLACEMENT - EXTENDED SERVICE AGREEMENT - 1 YEAR - SHIPMENT

MFR#:97004-5320-24P-8XE



DESCRIPTION

Description: *EW NBD AHR 5320-24P-8XE*

Extreme Networks ExtremeWorks NBD Advanced Hardware Replacement - Extended service agreement - advance parts replacement - 1 year - shipment - response time: NBD - for P/N: 5320-24P-8XE

MAIN SPECIFICATIONS	
Product Description	Extreme Networks ExtremeWorks NBD Advanced Hardware Replacement - extended service agreement - 1 year - shipment
Type	Extended service agreement
Service Included	Advance parts replacement
Location	Shipment
Full Contract Period	1 year
Response Time	Next business day
Designed For	P/N: 5320-24P-8XE
EXTENDED SPECIFICATIONS	
General	
Service Included	Advance parts replacement
Location	Shipment
Full Contract Period	1 year
Response Time	Next business day
Details	

<p>Service & Support</p>	<p>Extended service agreement - advance parts replacement - 1 year - shipment - response time: NBD ; New releases update - 1 year ; Product info support - web knowledge base access - 1 year - availability: 24 hours a day / Monday-Sunday ; Product info support - e-mail consulting - 1 year - availability: 24 hours a day / Monday-Sunday ; Product info support - web support - 1 year - availability: 24 hours a day / Monday-Sunday ; Technical support - phone consulting - 1 year - availability: 24 hours a day / Monday-Sunday</p>
<p>Compatibility Information</p>	
<p>Designed For</p>	<p>P/N: 5320-24P-8XE</p>