



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.

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[List View](#)

### General Information

[Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Classification Request](#)

Procurement Folder: 1883812

Procurement Type: Central Purchase Order

Vendor ID: 880008225674

Legal Name: ADVANTAGE TECHNOLOGY LLC

Also CBA: RICHARD WILSON III

Total Est: \$48,636.00

Response Date: 02/06/2025 

Response Time: 5.06

Responded By User ID: [adityasr123](#)

First Name: Janna

Leaf Name: Alouatta

Email: [jstewart@alumni.rockwell.edu](mailto:jstewart@alumni.rockwell.edu)

Phone: 800.342.0796

BO Doc Code: CRFG

SO Dept: 0764

SO Doc ID: HHS250060000

Published Date: 2/7/2005

Close Date: 2/27/25

Close Times: 12:30

State: Closed

Solicitation Description: SWITCHES, ACCESS PORTS, SUPPORT AND MAINTENANCE

Total of Header Attachments: 1

Total of All Attachments: 1



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:** 1603812  
**Solicitation Description:** SWITCHES, ACCESS POINTS, SUPPORT AND MAINTENANCE  
**Proc Type:** Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2025-02-27 13:30	SR 0704 ESR02262500000005232	1

**VENDOR**  
000000223571  
ADVANTAGE TECHNOLOGY LLC

**Solicitation Number:** CRFQ 0704 INS2500000002  
**Total Bid:** 48636  
**Response Date:** 2025-02-26  
**Response Time:** 05:06:34  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**  
Joseph E Hager III  
(304) 558-2306  
joseph.e.hageriii@wv.gov

<b>Vendor</b>		
<b>Signature X</b>	<b>FEIN#</b>	<b>DATE</b>

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	8.00000	EA	3190.000000	25520.00

Comm Code	Manufacturer	Specification	Model #
43222612			

**Commodity Line Comments:**

**Extended Description:**

Extreme Networks 48x10/100/1000 Base-T Ethernet Switch POE+ or Equal per Section 3.1.4 of the specifications.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Wireless access point	20.00000	EA	457.000000	9140.00

Comm Code	Manufacturer	Specification	Model #
43222640			

**Commodity Line Comments:**

**Extended Description:**

Extreme Networks 6E 2.4/5GHz Tri-Radio Wireless Access Point or Equal per Section 3.1.1 of the specifications.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Software maintenance and support	20.00000	EA	121.000000	2420.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Commodity Line Comments:**

**Extended Description:**

Extreme Networks ExtremeWorks Software and TAC-technical support - 5 years or Equal per Section 3.1.2 of the Specifications.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Power cord	9.00000	EA	14.000000	126.00

Comm Code	Manufacturer	Specification	Model #
26121636			

**Commodity Line Comments:**

**Extended Description:**

Power cord 15A, USA, NEMA 5-15, IEC320-C15 or Equal per Section 3.1.5 of the Specifications.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Transceivers and media converters	10.00000	EA	185.000000	1850.00

Comm Code	Manufacturer	Specification	Model #
43201553			

**Commodity Line Comments:**

**Extended Description:**

Extreme Networks - SFP + transceiver module - 10 GigE-10G-SR or Equal per Section 3.1.6 of the Specifications



Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Network switches	1.00000	EA	2020.000000	2020.00

Comm Code	Manufacturer	Specification	Model #
43222612			

Commodity Line Comments:

Extended Description:

Extreme Networks 24x10/100/1000Base -T Ethernet Switch POE + or Equal per Section 3.1.7 of the Specifications.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	Software maintenance and support	20.00000	EA	378.000000	7560.00

Comm Code	Manufacturer	Specification	Model #
81112200			

Commodity Line Comments:

Extended Description:

ExtremeCloud IQ Pilot SaaS Subscription and EQ Saas Support for 5 years or Equal per Section 3.1.3 of the Specifications.

	<b>Department of Administration</b> <b>Purchasing Division</b> <b>2019 Washington Street East</b> <b>Post Office Box 50130</b> <b>Charleston, WV 25305-0130</b>	<b>State of West Virginia</b> <b>Centralized Request for Quote</b> <b>Info Technology</b>
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<b>Proc Folder:</b> 1603812			<b>Reason for Modification:</b> Addendum #1 is issued to publish agency responses to vendor submitted questions.
<b>Doc Description:</b> SWITCHES, ACCESS POINTS, SUPPORT AND MAINTENANCE			
<b>Proc Type:</b> Central Purchase Order			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2025-02-19	2025-02-27 13:30	CRFQ 0704 INS2500000002	2

<b>BID RECEIVING LOCATION</b>
BID CLERK DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON ST E CHARLESTON WV 25305 US

<b>VENDOR</b>		
<b>Vendor Customer Code:</b> 000000223571		
<b>Vendor Name :</b> Advantage Technology		
<b>Address :</b>		
<b>Street :</b> 950 Kanawha Blvd E Ste 100		
<b>City :</b> Charleston		
<b>State :</b> WV	<b>Country :</b> USA	<b>Zip :</b> 25301
<b>Principal Contact :</b> James Stewart		
<b>Vendor Contact Phone:</b> 304-973-9537	<b>Extension:</b>	

<b>FOR INFORMATION CONTACT THE BUYER</b>
Joseph E Hager III (304) 558-2306 joseph.e.hageriii@wv.gov

<b>Vendor Signature X</b> <i>James Stewart</i>	<b>FEIN#</b> 74-3077314	<b>DATE</b> 02.24.2025
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All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of the Offices of the Insurance Commissioner to establish a contract for the one time purchase of 9 Extreme Networks Ethernet Switches or equal, 20 Extreme Networks Wireless Access Points or equal, and technical support and maintenance per the attached specifications and terms and conditions.

INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Network switches	8.00000	EA	\$3,190.00ea /	\$25,520.00

Comm Code	Manufacturer	Specification	Model #
43222612			

Extended Description:  
Extreme Networks 48x10/100/1000 Base-T Ethernet Switch POE+ or Equal per Section 3.1.4 of the specifications.

INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Wireless access point	20.00000	EA	\$457.00ea /	\$9,140.00

Comm Code	Manufacturer	Specification	Model #
43222640			

Extended Description:  
Extreme Networks 6E 2.4/5GHz Tri-Radio Wireless Access Point or Equal per Section 3.1.1 of the specifications.

INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Software maintenance and support	20.00000	EA	\$121.00ea /	\$2,420.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Extended Description:**  
 Extreme Networks ExtremeWorks Software and TAC-technical support - 5 years or Equal per Section 3.1.2 of the Speciications.

INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Power cord	9.00000	EA	\$14.00ea /	\$126.00

Comm Code	Manufacturer	Specification	Model #
26121636			

**Extended Description:**  
 Power cord 15A, USA, NEMA 5-15, IEC320-C15 or Equal per Section 3.1.5 of the Specifications.



INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Transceivers and media converters	10.00000	EA	\$185.00ea / \$1,850.00	

Comm Code	Manufacturer	Specification	Model #
43201553			

**Extended Description:**  
Extreme Networks - SFP + transceiver module - 10 GigE-10G-SR or Equal per Section 3.1.6 of the Specifications

INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	Network switches	1.00000	EA	\$2,020.00ea / \$2,020.00	

Comm Code	Manufacturer	Specification	Model #
43222612			

**Extended Description:**  
Extreme Networks 24x10/100/1000Base -T Ethernet Switch POE + or Equal per Section 3.1.7 of the Specifications.

INVOICE TO				SHIP TO			
OFFICES OF THE INSURANCE COMMISSIONER PO BOX 50540				OFFICES OF THE INSURANCE COMMISSIONER 900 PENNSYLVANIA AVE			
CHARLESTON		WV		CHARLESTON		WV	
US				US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	Software maintenance and support	20.00000	EA	\$378.00ea /	\$7,560.00

Comm Code	Manufacturer	Specification	Model #
81112200			

**Extended Description:**  
ExtremeCloud IQ Pilot SaaS Subscription and EQ Saas Support for 5 years or Equal per Section 3.1.3 of the Specifications.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ INS25\*02**

**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.

Advantage Technology

\_\_\_\_\_  
Company

  
\_\_\_\_\_  
Authorized Signature

02.21.2025  
\_\_\_\_\_  
Date

**NOTE:** This addendum acknowledgment should be submitted with the bid to expedite document processing.  
Revised 6/8/2012



STATE OF WEST VIRGINIA  
**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §15A-3-14, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Advantage Technology

Authorized Signature: James Stewart Date: 02.21.2025

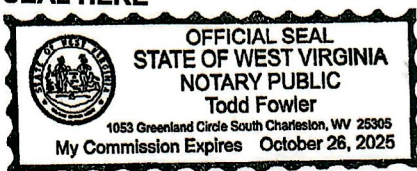
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 21st day of February, 2025.

My Commission expires October 26, 2025

**AFFIX SEAL HERE**



**NOTARY PUBLIC**

[Signature]

*Purchasing Affidavit (Revised 03/09/2019)*




**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

James Stewart, Sales Engineer  
\_\_\_\_\_  
(Printed Name and Title)  
950 Kanawha Blvd East Ste 100 Charleston, WV 25301  
\_\_\_\_\_  
(Address)  
304-973-9537 / NA  
\_\_\_\_\_  
(Phone Number) / (Fax Number)  
jstewart@advantage.tech  
\_\_\_\_\_  
(E-mail address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; ; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor’s behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the Vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

Advantage Technology  
\_\_\_\_\_  
(Company)  
  
\_\_\_\_\_  
(Signature of Authorized Representative)

James Stewart, Sales Engineer  
\_\_\_\_\_  
(Printed Name and Title of Authorized Representative)

02.21.2025  
\_\_\_\_\_  
(Date)

304-973-9537 / NA  
\_\_\_\_\_  
(Phone Number) (Fax Number)







**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **XTEND ENDORSEMENT FOR TECHNOLOGY**

This endorsement modifies insurance provided under the following:

### **COMMERCIAL GENERAL LIABILITY COVERAGE PART**

**GENERAL DESCRIPTION OF COVERAGE** – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><b>A. Non-Owned Watercraft – 75 Feet Long Or Less</b></li> <li><b>B. Who Is An Insured – Unnamed Subsidiaries</b></li> <li><b>C. Who Is An Insured – Employees – Supervisory Positions</b></li> <li><b>D. Who Is An Insured – Newly Acquired Or Formed Limited Liability Companies</b></li> <li><b>E. Who Is An Insured – Liability For Conduct Of Unnamed Partnerships Or Joint Ventures</b></li> <li><b>F. Blanket Additional Insured – Persons Or Organizations For Your Ongoing Operations As Required By Written Contract Or Agreement.</b></li> <li><b>G. Blanket Additional Insured – Broad Form Vendors</b></li> <li><b>H. Blanket Additional Insured – Controlling Interest</b></li> </ul> | <ul style="list-style-type: none"> <li><b>I. Blanket Additional Insured – Mortgagees, Assignees, Successors Or Receivers</b></li> <li><b>J. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Premises</b></li> <li><b>K. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Operations</b></li> <li><b>L. Medical Payments – Increased Limit</b></li> <li><b>M. Blanket Waiver Of Subrogation</b></li> <li><b>N. Contractual Liability – Railroads</b></li> <li><b>O. Damage To Premises Rented To You</b></li> </ul> |
|--|---|

### **PROVISIONS**

#### **A. NON-OWNED WATERCRAFT – 75 FEET LONG OR LESS**

1. The following replaces Paragraph (2) of Exclusion **g., Aircraft, Auto Or Watercraft**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:

(2) A watercraft you do not own that is:

- (a) 75 feet long or less; and
- (b) Not being used to carry any person or property for a charge;

2. The following replaces Paragraph 2.e. of **SECTION II – WHO IS AN INSURED**:

- e. Any person or organization that, with your express or implied consent, either uses or is responsible for the use of a

watercraft that you do not own that is:

- (1) 75 feet long or less; and
- (2) Not being used to carry any person or property for a charge.

#### **B. WHO IS AN INSURED – UNNAMED SUBSIDIARIES**

The following is added to **SECTION II – WHO IS AN INSURED**:

Any of your subsidiaries, other than a partnership or joint venture, that is not shown as a Named Insured in the Declarations is a Named Insured if:

- a. You are the sole owner of, or maintain an ownership interest of more than 50% in, such subsidiary on the first day of the policy period; and
- b. Such subsidiary is not an insured under similar other insurance.



## COMMERCIAL GENERAL LIABILITY

No such subsidiary is an insured for "bodily injury" or "property damage" that occurred, or "personal and advertising injury" caused by an offense committed:

- a. Before you maintained an ownership interest of more than 50% in such subsidiary; or
- b. After the date, if any, during the policy period that you no longer maintain an ownership interest of more than 50% in such subsidiary.

For purposes of Paragraph 1. of Section II - Who Is An Insured, each such subsidiary will be deemed to be designated in the Declarations as:

- a. A limited liability company;
  - b. An organization other than a partnership, joint venture or limited liability company; or
  - c. A trust;
- as indicated in its name or the documents that govern its structure.

### C. WHO IS AN INSURED - EMPLOYEES - SUPERVISORY POSITIONS

The following is added to Paragraph 2.a.(1) of **SECTION II - WHO IS AN INSURED:**

Paragraphs (1)(a), (b) and (c) above do not apply to "bodily injury" to a co-"employee" while in the course of the co-"employee's" employment by you arising out of work by any of your "employees" who hold a supervisory position.

### D. WHO IS AN INSURED - NEWLY ACQUIRED OR FORMED LIMITED LIABILITY COMPANIES

The following replaces Paragraph 3. of **SECTION II - WHO IS AN INSURED:**

3. Any organization you newly acquire or form, other than a partnership or joint venture, and of which you are the sole owner or in which you maintain an ownership interest of more than 50%, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:
  - a. Coverage under this provision is afforded only:
    - (1) Until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier, if you do not report such

organization in writing to us within 180 days after you acquire or form it; or

- (2) Until the end of the policy period, when that date is later than 180 days after you acquire or form such organization, if you report such organization in writing to us within 180 days after you acquire or form it;

- b. Coverage A does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
- c. Coverage B does not apply to "personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.

For the purposes of Paragraph 1. of Section II - Who Is An Insured, each such organization will be deemed to be designated in the Declarations as:

- a. A limited liability company;
  - b. An organization, other than a partnership, joint venture or limited liability company; or
  - c. A trust;
- as indicated in its name or the documents that govern its structure.

### E. WHO IS AN INSURED - LIABILITY FOR CONDUCT OF UNNAMED PARTNERSHIPS OR JOINT VENTURES

The following replaces the last paragraph of **SECTION II - WHO IS AN INSURED:**

No person or organization is an insured with respect to the conduct of any current or past partnership or joint venture that is not shown as a Named Insured in the Declarations. This paragraph does not apply to any such partnership or joint venture that otherwise qualifies as an insured under Section II - Who Is An Insured.

### F. BLANKET ADDITIONAL INSURED - PERSONS OR ORGANIZATIONS FOR YOUR ONGOING OPERATIONS AS REQUIRED BY WRITTEN CONTRACT OR AGREEMENT

The following is added to **SECTION II - WHO IS AN INSURED:**



Any person or organization that is not otherwise an insured under this Coverage Part and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury" or "property damage" that:

- a. Occurs subsequent to the signing of that contract or agreement; and
- b. Is caused, in whole or in part, by your acts or omissions in the performance of your ongoing operations to which that contract or agreement applies or the acts or omissions of any person or organization performing such operations on your behalf.

The limits of insurance provided to such insured will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.

#### **G. BLANKET ADDITIONAL INSURED - BROAD FORM VENDORS**

The following is added to **SECTION II - WHO IS AN INSURED:**

Any person or organization that is a vendor and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury" or "property damage" that:

- a. Occurs subsequent to the signing of that contract or agreement; and
- b. Arises out of "your products" that are distributed or sold in the regular course of such vendor's business.

The insurance provided to such vendor is subject to the following provisions:

- a. The limits of insurance provided to such vendor will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.
- b. The insurance provided to such vendor does not apply to:
  - (1) Any express warranty not authorized by you or any distribution or sale for a purpose not authorized by you;
  - (2) Any change in "your products" made by such vendor;

- (3) Repackaging, unless unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts manufacturer, and then repackaged in the original container;

- (4) Any failure to make such inspections, adjustments, tests or servicing as vendors agree to perform or normally undertake to perform in the regular course of business, in connection with the distribution or sale of "your products";

- (5) Demonstration, installation, servicing or repair operations, except such operations performed at such vendor's premises in connection with the sale of "your products"; or

- (6) "Your products" that, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or on behalf of such vendor.

Coverage under this provision does not apply to:

- a. Any person or organization from whom you have acquired "your products", or any ingredient, part or container entering into, accompanying or containing such products; or
- b. Any vendor for which coverage as an additional insured specifically is scheduled by endorsement.

#### **H. BLANKET ADDITIONAL INSURED - CONTROLLING INTEREST**

- 1. The following is added to **SECTION II - WHO IS AN INSURED:**

Any person or organization that has financial control of you is an insured with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" that arises out of:

- a. Such financial control; or
- b. Such person's or organization's ownership, maintenance or use of premises leased to or occupied by you.

The insurance provided to such person or organization does not apply to structural alterations, new construction or demolition



operations performed by or on behalf of such person or organization.

**2. The following is added to Paragraph 4. of SECTION II - WHO IS AN INSURED:**

This paragraph does not apply to any premises owner, manager or lessor that has financial control of you.

**I. BLANKET ADDITIONAL INSURED - MORTGAGEES, ASSIGNEES, SUCCESSORS OR RECEIVERS**

**The following is added to SECTION II - WHO IS AN INSURED:**

Any person or organization that is a mortgagee, assignee, successor or receiver and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to its liability as mortgagee, assignee, successor or receiver for "bodily injury", "property damage" or "personal and advertising injury" that:

- a. Is "bodily injury" or "property damage" that occurs, or is "personal and advertising injury" caused by an offense that is committed, subsequent to the signing of that contract or agreement; and
- b. Arises out of the ownership, maintenance or use of the premises for which that mortgagee, assignee, successor or receiver is required under that contract or agreement to be included as an additional insured on this Coverage Part.

The insurance provided to such mortgagee, assignee, successor or receiver is subject to the following provisions:

- a. The limits of insurance provided to such mortgagee, assignee, successor or receiver will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.
- b. The insurance provided to such person or organization does not apply to:
  - (1) Any "bodily injury" or "property damage" that occurs, or any "personal and advertising injury" caused by an offense that is committed, after such contract or agreement is no longer in effect; or
  - (2) Any "bodily injury", "property damage" or "personal and advertising injury"

arising out of any structural alterations, new construction or demolition operations performed by or on behalf of such mortgagee, assignee, successor or receiver.

**J. BLANKET ADDITIONAL INSURED - GOVERNMENTAL ENTITIES - PERMITS OR AUTHORIZATIONS RELATING TO PREMISES**

**The following is added to SECTION II - WHO IS AN INSURED:**

Any governmental entity that has issued a permit or authorization with respect to premises owned or occupied by, or rented or loaned to, you and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of the existence, ownership, use, maintenance, repair, construction, erection or removal of any of the following for which that governmental entity has issued such permit or authorization: advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoist away openings, sidewalk vaults, elevators, street banners or decorations.

**K. BLANKET ADDITIONAL INSURED - GOVERNMENTAL ENTITIES - PERMITS OR AUTHORIZATIONS RELATING TO OPERATIONS**

**The following is added to SECTION II - WHO IS AN INSURED:**

Any governmental entity that has issued a permit or authorization with respect to operations performed by you or on your behalf and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of such operations.

The insurance provided to such governmental entity does not apply to:

- a. Any "bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the governmental entity; or

- b. Any "bodily injury" or "property damage" included in the "products-completed operations hazard".

**L. MEDICAL PAYMENTS - INCREASED LIMIT**

The following replaces Paragraph 7. of **SECTION III - LIMITS OF INSURANCE:**

- 7. Subject to Paragraph 5. above, the Medical Expense Limit is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person, and will be the higher of:
  - a. \$10,000; or
  - b. The amount shown in the Declarations of this Coverage Part for Medical Expense Limit.

**M. BLANKET WAIVER OF SUBROGATION**

The following is added to Paragraph 8., **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS:**

If the insured has agreed in a contract or agreement to waive that insured's right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make because of:

- a. "Bodily injury" or "property damage" that occurs; or

- b. "Personal and advertising injury" caused by an offense that is committed;

subsequent to the execution of the contract or agreement.

**N. CONTRACTUAL LIABILITY - RAILROADS**

- 1. The following replaces Paragraph c. of the definition of "insured contract" in the **DEFINITIONS** Section:
  - c. Any easement or license agreement;
- 2. Paragraph f.(1) of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.

**O. DAMAGE TO PREMISES RENTED TO YOU**

The following replaces the definition of "premises damage" in the **DEFINITIONS** Section:

"Premises damage" means "property damage" to:

- a. Any premises while rented to you or temporarily occupied by you with permission of the owner; or
- b. The contents of any premises while such premises is rented to you, if you rent such premises for a period of seven or fewer consecutive days.

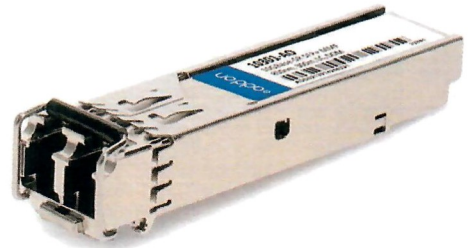


## 10301-AO

Extreme Networks® 10301 Compatible TAA Compliant 10GBase-SR SFP+ Transceiver (MMF, 850nm, 300m, LC, DOM)

### Features

- SFF-8432 and SFF-8472 Compliance
- VCSEL transmitter and PIN receiver
- Duplex LC Connector
- Commercial Temperature 0 to 70 Celsius
- Multi-mode Fiber
- Hot Pluggable
- Excellent ESD Protection
- Metal with Lower EMI
- RoHS Compliant and Lead Free



### Applications

- 8x/10x Fibre Channel
- 10GBase-SR Ethernet
- Access, Datacenter and Enterprise
- Mobile Fronthaul CPRI/OBSAI

### Product Description

This Extreme Networks® 10301 compatible SFP+ transceiver provides 10GBase-SR throughput up to 300m over multi-mode fiber (MMF) using a wavelength of 850nm via an LC connector. It is guaranteed to be 100% compatible with the equivalent Extreme Networks® transceiver. This easy to install, hot swappable transceiver has been programmed, uniquely serialized and data-traffic and application tested to ensure that it will initialize and perform identically. Digital optical monitoring (DOM) support is also present to allow access to real-time operating parameters. This transceiver is Trade Agreements Act (TAA) compliant. We stand behind the quality of our products and proudly offer a limited lifetime warranty.

AddOn's transceivers are RoHS compliant and lead-free.

TAA refers to the Trade Agreements Act (19 U.S.C. & 2501-2581), which is intended to foster fair and open international trade. TAA requires that the U.S. Government may acquire only "U.S. – made or designated country end products."



Rev. 101923



Absolute Maximum Ratings

Parameter	Symbol	Min.	Max.	Unit
Maximum Supply Voltage	V <sub>CC</sub>	-0.5	4.0	V
Storage Temperature	T <sub>S</sub>	-40	85	°C
Operating Case Temperature	T <sub>C</sub>	0	70	°C
Operating Humidity	RH	5	85	%
Receiver Power	R <sub>MAX</sub>		-1	dBm
Maximum Bitrate	B <sub>max</sub>		11.3	Gbps

Electrical Characteristics (TOP=25°C, Vcc=3.3Volts)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Power Supply Voltage	V <sub>CC</sub>	3.15	3.30	3.43	V	
Power Supply Current	I <sub>CC</sub>			303	mA	
Power Consumption	P <sub>DISS</sub>			1	W	
Transmitter						
Differential data input swing	V <sub>in,pp</sub>	120		850	mV	
Input differential impedance	Z <sub>in</sub>	80	100	120	Ω	
Receiver						
Differential data output swing	V <sub>out, pp</sub>	300		850	mV	
Output differential impedance	Z <sub>in</sub>	80	100	120	Ω	

Optical Characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Transmitter						
Optical Power (average)	P <sub>AVE</sub>	-7.3		-1.2	dBm	1
Optical Modulation amplitude (OMA)	P <sub>OMA</sub>	-1.5			dBm	2
Optical Extinction Ratio	ER	3			dB	
Optical Wavelength	Tλ	840	850	860	nm	
Insertion loss	IL		2			
Receiver						
Receiver Sensitivity (average)	R <sub>AVE</sub>			-9.9	dBm	3
Receiver Sensitivity (OMA)	R <sub>OMA</sub>			-11.1		2
Receiver overload	P <sub>max</sub>	-1			dBm	4
Receiver wavelength	Rλ	840		860	nm	



Notes:

- 1. Coupled into a Multi-mode fibre
- 2. Per IEEE 802.3ae specification
- 3. Average power, back-to-back, @10.31Gbps, BER 1E-12, PRBS 231-1.
- 4. Exceeding the Receiver overload can physically damage the module. Please use appropriate attenuation.

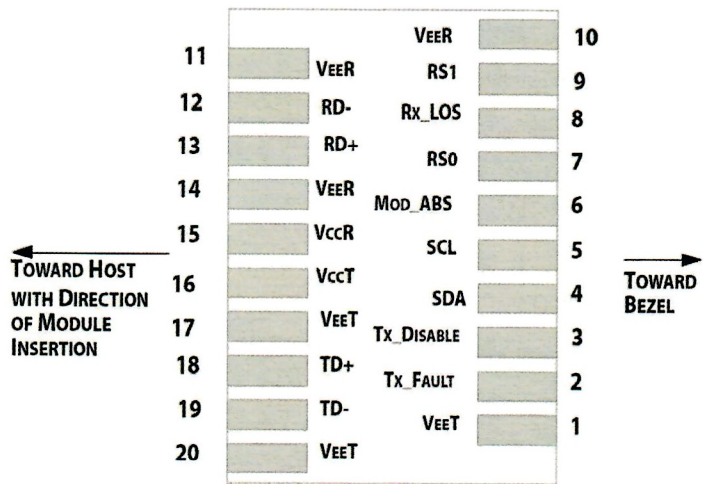
Pin Descriptions

Pin	Symbol	Name/Descriptions	Ref.
1	VeeT	Transmitter Ground (Common with Receiver Ground).	1
2	TX Fault	Transmitter Fault. LVTTTL-O	2
3	TX Disable	Transmitter Disable. Laser output disabled on high or open. LVTT-I.	3
4	SDA	2-Wire Serial Interface Data Line (Same as MOD-DEF2 in INF-8074i). LVTTTL-I/O.	
5	SCL	2-Wire Serial Interface Data Line (Same as MOD-DEF2 in INF-8074i). LVTTTL-I.	
6	MOD_ABS	Module Absent, Connect to VeeT or VeeR in Module.	4
7	RS0	Rate Select 0. Not used	5
8	LOS	Loss of Signal indication. Logic 0 indicates normal operation. LVTTTL-O.	2
9	RS1	Rate Select 1. Not used	5
10	VeeR	Receiver Ground (Common with Transmitter Ground).	1
11	VeeR	Receiver Ground (Common with Transmitter Ground).	1
12	RD-	Receiver Inverted DATA out. AC Coupled. CML-O.	
13	RD+	Receiver Non-inverted DATA out. AC Coupled. CML-O.	
14	VeeR	Receiver Ground (Common with Transmitter Ground).	1
15	VccR	Receiver Power Supply.	
16	VccT	Transmitter Power Supply.	
17	VeeT	Transmitter Ground (Common with Receiver Ground).	1
18	TD+	Transmitter Non-Inverted DATA in. AC Coupled. CML-I.	
19	TD-	Transmitter Inverted DATA in. AC Coupled. CML-O.	
20	VeeT	Transmitter Ground (Common with Receiver Ground).	1

Notes:

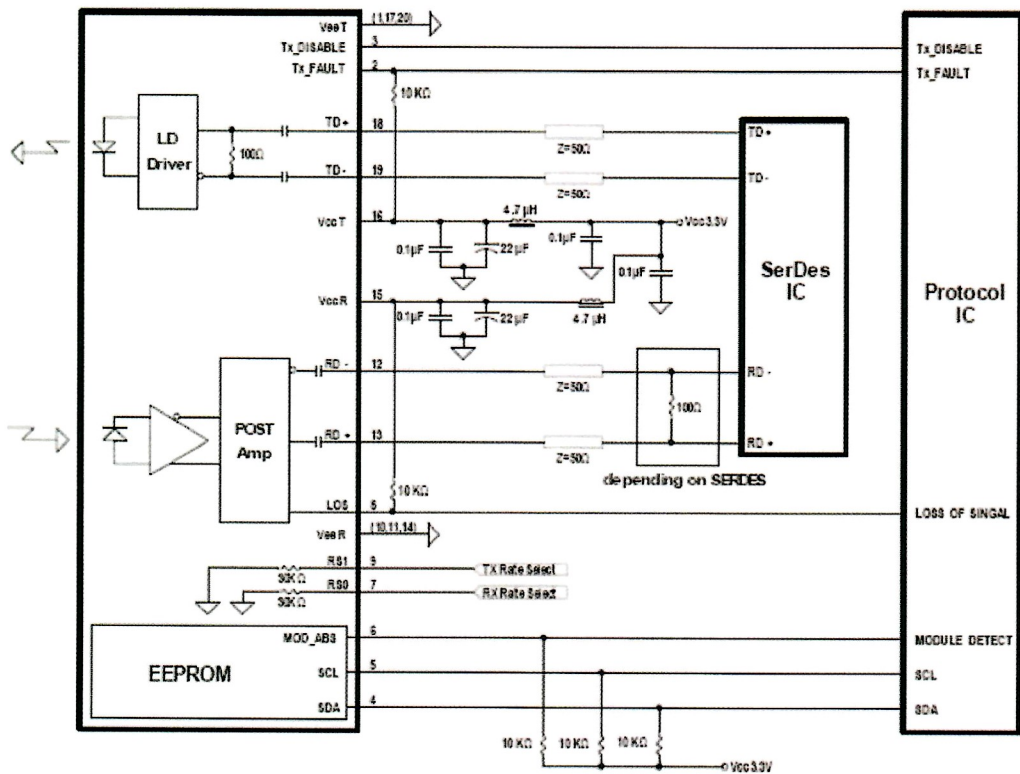
- 1. The module signal ground contacts, VeeR and VeeT, should be isolated from the module case.
- 2. This contact is an open collector/drain output and should be pulled up to the Vcc\_Host with resister in the range 4.7KΩ to 10KΩ. Pull ups can be connected to one or several power supplies, however the host board design shall ensure that no module contract has voltage exceeding module VccT/R +0.5.V.
- 3. Tx\_Disable is an input contact with a 4.7KΩ to 10KΩ pull-up resistor to VccT inside module.

- Mod\_ABS is connected to VeeT or VeeR in the SFP+ module. The host may pull the contract up to Vcc\_Host with a resistor in the range from 4.7KΩ to 10KΩ. Mod\_ABS is asserted “High” when the SFP+ module is physically absent from a host slot.
- Internally pulled down per SFF-8431



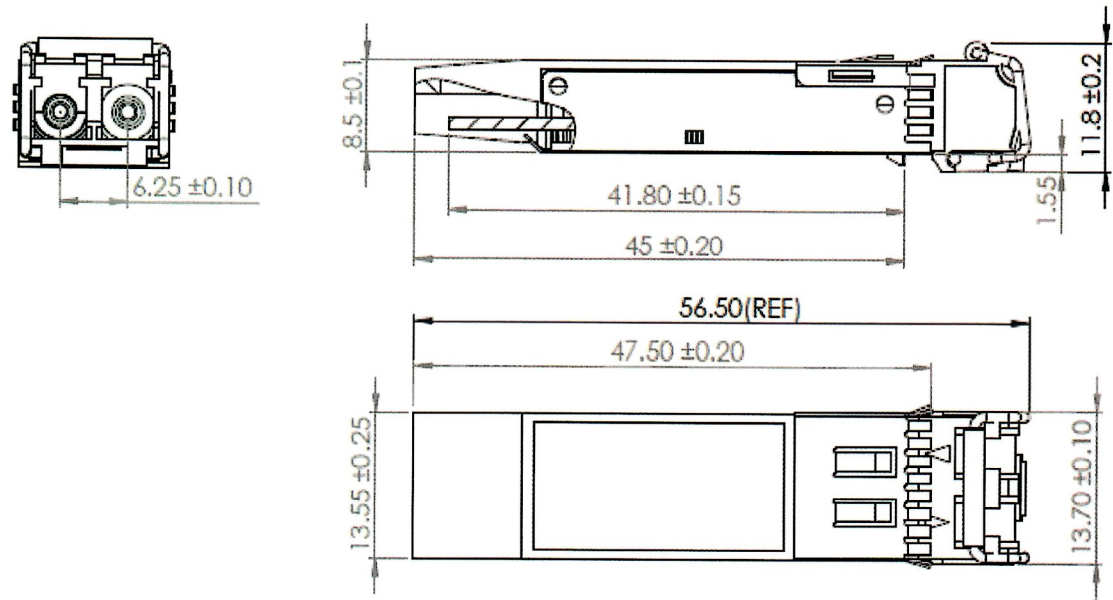
Pin-out of connector Block on Host board

Recommended Circuit Schematic



**Mechanical Specifications**

Small Form Factor Pluggable (SFP) transceivers are compatible with the dimensions defined by the SFP Multi-Sourcing Agreement (MSA).



**EEPROM Information**

EEPROM memory map specific data field description is as below:

2 wire address 1010000X (A0h)	2 wire address 1010001X (A2h)
0	0
Serial ID Defined by SFP MSA (96 bytes)	Alarm and Warning Thresholds (56 bytes)
95	55
Vendor Specific (32 bytes)	Cal Constants (40 bytes)
127	95
Reserved, SFF8079 (128 bytes)	Real Time Diagnostic Interface (24 bytes)
	119
	127
	Vendor Specific (8 bytes)
	User Writable EEPROM (120 bytes)
	247
255	255
	Vendor Specific (8 bytes)



### **About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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