2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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.

Solicitation Response(SR) Dept: 0323 ID: ESR06132400000007785 Ver.: 1 Function: New Phase: Final ▼ Modified by batch , 06/18/2024

Header 📎 1

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1430032
Procurement Type: Central Purchase Order
Vendor ID: 000000223571
Legal Name: ADVANTAGE TECHNOLOGY LLC
Alias/DBA: RICHARD WILBUR III
Total Bid: $554,864.00
Response Date: 06/13/2024
Response Time: 11:44
Responded By User ID: advjstewart
First Name: James
Last Name: Stewart
Email: jstewart@advantage.tech
Phone: 304-342-0796

SO Doc Code: CRFQ
SO Dept: 0323
SO Doc ID: WWV2400000011
Published Date: 6/12/24
Close Date: 6/18/24
Close Time: 13:30
Status: Closed
Solicitation Description: Networking Equipment
Total of Header Attachments: 1
Total of All Attachments: 1

Proc Folder:	1430032
Solicitation Description:	Networking Equipment
Proc Type:	Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2024-06-18 13:30	SR 0323 ESR06132400000007785	1

VENDOR
000000223571 ADVANTAGE TECHNOLOGY LLC

Solicitation Number: CRFQ 0323 WWV2400000011

Total Bid: 554864 **Response Date:** 2024-06-13 **Response Time:** 11:44:44

Comments:

FOR INFORMATION CONTACT THE BUYER
Brandon L Barr
304-558-2652
brandon.l.barr@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	Servers for Virtual Hosts	4.00000	EA	33351.000000	133404.00

Comm Code	Manufacturer	Specification	Model #
43222600			

Commodity Line Comments:

Extended Description:

3.2 Servers for Virtual Host

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Servers for AI	2.00000	EA	123980.000000	247960.00

Comm Code	Manufacturer	Specification	Model #
43222600			

Commodity Line Comments:

Extended Description:

3.3 Servers for AI

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Servers for Storage	4.00000	EA	43375.000000	173500.00

Comm Code	Manufacturer	Specification	Model #
43222600			

Commodity Line Comments:

Extended Description:

3.4 Servers for storage

State of West Virginia
Centralized Request for Quote
Equipment

Proc Folder:	1430032		**Reason for Modification:**
Doc Description:	Networking Equipment		Addendum No. 1 to provide answers to vendor questions
Proc Type:	Central Purchase Order		

Date Issued	Solicitation Closes	Solicitation No	Version
2024-06-12	2024-06-18 13:30	CRFQ 0323 WWV2400000011	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000223571

Vendor Name : Advantage Technology

Address :

Street : 950 Kanawha Blvd East Ste 100

City : Charleston

State : WV   **Country :** USA   **Zip :** 25301

Principal Contact : James Stewart

Vendor Contact Phone: 304-941-4272   **Extension:** N/A

FOR INFORMATION CONTACT THE BUYER
Brandon L Barr
304-558-2652
brandon.l.barr@wv.gov

Vendor Signature X *James Stewart*   **FEIN#** 74-3077314   **DATE** 06.13.2024

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 WorkForce West Virginia, herein referred to as the "Agency" to establish a contract for a qualified vendor to provide Networking Equipment per the attached documentation.

INVOICE TO	SHIP TO
WORKFORCE WEST VIRGINIA 1900 KANAWHA BLVD, EAST BLDG 3, 3RD FLOOR, SUITE 300 CHARLESTON WV US	WORKFORCE WEST VIRGINIA 1900 KANAWHA BLVD E BLDG 3, 8TH FLOOR CHARLESTON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Servers for Virtual Hosts	4.00000	EA	$33,351.00ea /	$133,404.00

Comm Code	Manufacturer	Specification	Model #
43222600			

Extended Description:
3.2 Servers for Virtual Host

INVOICE TO	SHIP TO
WORKFORCE WEST VIRGINIA 1900 KANAWHA BLVD, EAST BLDG 3, 3RD FLOOR, SUITE 300 CHARLESTON WV US	WORKFORCE WEST VIRGINIA 1900 KANAWHA BLVD E BLDG 3, 8TH FLOOR CHARLESTON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Servers for AI	2.00000	EA	$123,980.00ea /	$247,960.00

Comm Code	Manufacturer	Specification	Model #
43222600			

Extended Description:
3.3 Servers for AI

INVOICE TO	SHIP TO
WORKFORCE WEST VIRGINIA 1900 KANAWHA BLVD, EAST BLDG 3, 3RD FLOOR, SUITE 300 CHARLESTON WV US	WORKFORCE WEST VIRGINIA 1900 KANAWHA BLVD E BLDG 3, 8TH FLOOR CHARLESTON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Servers for Storage	4.00000	EA	$43,375.00ea /	$173,500.00

Comm Code	Manufacturer	Specification	Model #
43222600			

Extended Description:
3.4 Servers for storage

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Question due by June 11th, 2024 at 10:00am ET	2024-06-11

	Document Phase	Document Description	Page 4
WWV2400000011	Final	Networking Equipment	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ WWV24*11

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)

[X] Addendum No. 1	[ ] Addendum No. 6
[ ] Addendum No. 2	[ ] Addendum No. 7
[ ] Addendum No. 3	[ ] Addendum No. 8
[ ] Addendum No. 4	[ ] Addendum No. 9
[ ] Addendum No. 5	[ ] 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

James Stewart
_____
Authorized Signature

06.13.2024
_____
Date

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

ACORD® CERTIFICATE OF LIABILITY INSURANCE

	DATE (MM/DD/YYYY)
	06/06/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Jennifer Drake		
Mountain State Insurance Agency	PHONE (A/C, No, Ext): (304) 720-2000		FAX (A/C, No): (304) 720-2002
1206 Kanawha Blvd. E.	E-MAIL ADDRESS: jdrake@mountainstateinsurance.com		
Suite 100			
Charleston WV 25301-2949	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Great Northern Insurance Company		20303
INSURED	INSURER B : Federal Insurance Company		20281
Advantage Technology, LLC & Aridea, LLC, DBA: Aridea Solutions	INSURER C : ACE American Insurance Co		22667
950 Kanawha Blvd. E	INSURER D :		
	INSURER E :		
Charleston WV 25301	INSURER F :		

COVERAGES   CERTIFICATE NUMBER: 23 24 Liab   REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR			36060996	11/01/2023	11/01/2024	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC OTHER:						GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			73617949	11/01/2023	11/01/2024	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
B	☒ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE			78192586	11/01/2023	11/01/2024	EACH OCCURRENCE	$ 5,000,000
	☐ DED ☐ RETENTION $						AGGREGATE	$ 5,000,000
								$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☐	N/A	71764043	11/01/2023	11/01/2024	☒ PER STATUTE ☒ OTHER WV Code 23-4-2	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
C	Commercial Cyber and Privacy Liability			D95688615	11/01/2023	11/01/2024	Maximum Policy	$2,000,000
							Deductible	$50,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER	CANCELLATION
Workforce WV 1900 Kanwaha Blvd E Bldg 3 8th Floor Charleston WV 25301	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE *[signature]*

ACORD 25 (2016/03)   The ACORD name and logo are registered marks of ACORD

<div align="center">

STATE OF WEST VIRGINIA

PURCHASING AFFIDAVIT

</div>

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 exceed 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__
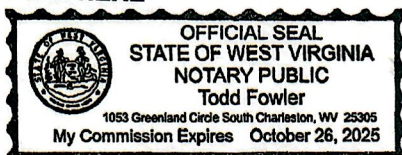
Authorized Signature: __*James Stewart*__ Date: __June 18, 2024__

State of __West Virginia__

County of __Kanawha__, to-wit:

Taken, subscribed, and sworn to before me this __18th__ day of __June__, 20__24__.

My Commission expires __October 26__, 20__25__.

AFFIX SEAL HERE　　　　　　　　　　　NOTARY PUBLIC _____

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.

(Printed Name and Title) _James Stewart, Sales Engineer_

(Address) _950 Kanawha Blvd East 100, Charleston, WV 25301_

(Phone Number) / (Fax Number) _304-973-9537 / N/A_

(email address) _jstewart@advantage.tech_

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wvOASIS*, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Advantage Technology
_____
(Company)

James Stewart
_____
(Signature of Authorized Representative)
James Stewart, Sales Engineer   06.13.2024
_____
(Printed Name and Title of Authorized Representative) (Date)
304-973-9537 / N/A
_____
(Phone Number) (Fax Number)
jstewart@advantage.tech
_____
(Email Address)

Revised 8/24/2023
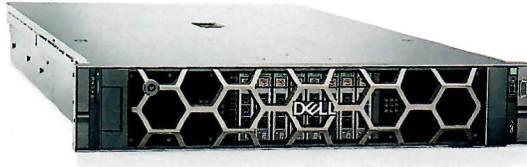
DELL Technologies
GOLD PARTNER

ADVANTAGE TECHNOLOGY

UNITED STATES

has met the program prerequisites and business requirements to qualify

as a Dell Technologies Partner Program Gold Partner

Dell Technologies
2024

February 3, 2024 – January 31, 2025

PowerEdge R760xa

High performance, scalable server for intensive GPU applications

The Dell PowerEdge R760xa, is a purpose-built server designed to boost acceleration performance across the widest range of customer needs.

Innovate at scale with challenging and emerging workloads

Maximize your workload performance and boost outcomes with scale as you grow compute, flexibly supporting a wide range of GPUs in a dual-socket/2U air-cooled server, accelerating applications from AI training and inferencing to Digital Twins to performance graphics and dense power-user collaboration environments.

- Leverage a powerful architecture and the power of two 4th or 5th Generation Intel® Xeon® processors with **high core count of up to 64 cores** and the latest on-chip innovations to boost AI and ML operations
- Up to four double-width PCIe Gen5 accelerators or up to 12 single-width* PCIe accelerators to break through the density boundaries of todays and tomorrow's computing
- Support for PCIe GPU adapters from NVIDIA, AMD, and Intel, delivering superior outcomes with one platform

Accelerated I/O throughput

- Deploy latest generation technologies including DDR5, Gen4 NVLink, PCIe Gen 5, and E3.S NVMe SSDs to push the boundaries of data flow and computing possibilities.
- Scale up your needs supporting up to 32 DDR5 memory DIMM slots, up to eight drives, and PCIe Gen 5 expansion slots
- Air-cooled design with front-facing accelerators enables better cooling and supports higher TDP accelerators (up to 350 W)

Cyber Resilient Architecture for Zero Trust IT environment & operations

Security is integrated into every phase of the PowerEdge lifecycle, including protected supply chain and factory-to-site integrity assurance. Silicon-based root of trust anchors end-to-end boot resilience while Multi-Factor Authentication (MFA) and role-based access controls ensure trusted operations.

Increase efficiency and accelerate operations with autonomous collaboration

The Dell OpenManage™ systems management portfolio delivers a secure, efficient, and comprehensive solution for PowerEdge servers. Simplify, automate and centralize one-to-many management with the OpenManage Enterprise console and iDRAC.

Sustainability

From recycled materials in our products and packaging, to thoughtful, innovative options for energy efficiency, the PowerEdge portfolio is designed to make, deliver, and recycle products to help reduce the carbon footprint and lower your operation costs. We even make it easy to retire legacy systems responsibly with Dell Technologies Services.

Rest easier with Dell Technologies Services

Maximize your PowerEdge Servers with comprehensive services ranging from Consulting, to ProDeploy and ProSupport suites, Data Migration and more – available across 170 countries and backed by our 60K+ employees and partners.

* Indicates up to 12 Single-width (PCIe x8), and up to 8 Single-width (PCIe x16).

PowerEdge R760xa

The Dell PowerEdge R760xa is a high-performance scale -as you grow server designed for use cases like

- AI/ML/DL Training and Inferencing
- Digital Twins, render graphics
- Virtualization and VDI graphics

Feature	Technical Specifications
Processor	Up to two 4th Generation Intel Xeon Scalable processor with up to 56 cores per processor and optional Intel® QuickAssist Technology Up to two 5th Generation Intel Xeon Scalable processor with up to 64 cores per processor and optional Intel® QuickAssist Technology
Memory	• 32 DDR5 DIMM slot, supports RDIMM 8 TB max • Speeds up to 4800 MT/s on the 4th Generation Intel® Xeon Scalable processor • Speeds up to 5600 MT/s on the 5th Generation Intel® Xeon Scalable processor • Supports registered ECC DDR5 DIMMs only
Storage controllers	• Internal controllers: PERC H965i, PERC H755, PERC H755N, PERC H355, HBA355i • Internal Boot: Boot Optimized Storage Subsystem (BOSS-N1): HWRAID 2 x M.2 NVMe SSDs, or USB • External HBA (non-RAID): HBA355e, H965e • Software RAID: S160
Drive Bays	Front bays: • Up to 6 x E3.S Gen5 NVMe, max 46.08 TB • Up to 6 x 2.5-inch NVMe, max 92.16 TB • Up to 8 x 2.5-inch SAS/SATA/NVMe, max 122.88 TB
Power Supplies	• 3200 W Titanium 277–305 VAC or 336 HVDC, hot swap redundant • 2800 W Titanium 200–240 VAC or 240 HVDC, hot swap redundant • 2400 W Platinum 100–240 VAC or 240 HVDC, hot swap redundant
Cooling Options	• Air cooling • Optional Direct Liquid Cooling (DLC) Note: DLC is a rack solution and requires rack manifolds and a cooling distribution unit (CDU) to operate.
Fans	• Standard (STD) fan • Up to six hot plug fans
Dimensions	• Height – 86.8 mm (3.41 inches) • Width – 482 mm (18.97 inches) • Depth – 946.73 mm (37.27 inches) - without bezel 932.89 mm (36.73 inches) - with bezel
Form Factor	2U rack server
Embedded Management	• iDRAC9 • iDRAC Direct • iDRAC RESTful API with Redfish • iDRAC Service Module • Quick Sync 2 wireless module
Bezel	Optional LCD bezel or security bezel
OpenManage Software	• OpenManage Enterprise • OpenManage Power Manager plugin • OpenManage Service plugin • OpenManage Update Manager plugin • CloudIQ for PowerEdge plug in • OpenManage Enterprise Integration for VMware vCenter • OpenManage Integration for Microsoft System Center • OpenManage Integration with Windows Admin Center
Mobility	OpenManage Mobile
OpenManage Integrations	• BMC Truesight • Microsoft System Center • OpenManage Integration with ServiceNow • Red Hat Ansible Modules • Terraform Providers • VMware vCenter and vRealize Operations Manager
Security	• Cryptographically signed firmware • Data at Rest Encryption (SEDs with local or external key mgmt) • Secure Boot • Secured Component Verification (Hardware integrity check) • Secure Erase • Silicon Root of Trust • System Lockdown (requires iDRAC9 Enterprise or Datacenter) • TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ
Embedded NIC	2 x 1GbE LOM card (optional)
Network Options	1 x OCP card 3.0 (optional) NOTE: The system allows either LOM card or an OCP card or both to be installed in the system.
GPU Options	Up to 4 x 350 W DW PCIe x16 GPU cards Up to 12 x 75 W SW PCIe x8 GPU cards
Ports	Front Ports • 1 x iDRAC Direct (Micro-AB USB) port • 1 x USB 2.0 • 1 x VGA Rear Ports • 1 x Dedicated iDRAC Ethernet port • 1 x USB 2.0 • 1 x USB 3.0 • 1 x Serial (optional) • 1 x VGA (optional for Direct Liquid Cooling configuration) Internal Ports • 1 x USB 3.0 (optional)
PCIe	Up to twelve PCIe slots (x16 connector) • 4 x16 Rear Full height, Half length + 4 x16 Front Full height, Full length DW • 4 x16 Rear Full height, Half length + 8 x 8 Front Full height, Full length SW
Operating System and Hypervisors	• Canonical Ubuntu Server LTS • Microsoft Windows Server with Hyper-V • Red Hat Enterprise Linux • SUSE Linux Enterprise Server • VMware ESXi For specifications and interoperability details, see Dell.com/OSsupport.
OEM-ready version available	From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you. For more information, visit Dell.com -> Solutions -> OEM Solutions..

APEX on Demand

APEX Flex on Demand Acquire the technology you need to support your changing business with payments that scale to match actual usage. For more information, visit www.delltechnologies.com/en-us/payment-solutions/flexible-consumption/flex-on-demand.htm.

Discover more about PowerEdge servers

Learn more about our PowerEdge servers

Learn more about our systems management solutions

Search our Resource Library

Follow PowerEdge servers on Twitter

Contact a Dell Technologies Expert for Sales or Support

D&LL Technologies

PowerEdge R7615

Powerful performance per investment dollar

The new Dell PowerEdge R7615 is a 2U, single-socket rack server. Designed to be the best investment per dollar for your data center, this server provides performance and flexible, low-latency storage options in an air or Direct Liquid Cooling (DLC) configuration.

Stay ahead of the curve

Delivering breakthrough innovation for traditional and emerging workloads, including software-defined storage, data analytics,and virtualization using the latest performance and density with optional acceleration.

Invest wisely in a platform that grows with your business

- Using AMD EPYC 4th generation processor to deliver up to 50% more core count per single socket platform in an innovative air-cooled chassis.
- Enables DDR5 at 4800 MT/s memory and PCIe Gen5 with double the speed of previous Gen4 for faster access and transport of data optimizing application output.
- Optional DLC is available to more efficiently cool high-performance processors.

Experience more virtual machine density to support the most demanding applications

- Deliver more virtual machines per physical host using increased core count and higher memory footprint than previous generations.
- Improve responsiveness or reduce app load time for power users with up to 6 x single-wide full-length GPUs or 3 x double-wide full-length GPUs.

Expect increased expandability by storing more data in one server, saving space in your datacenter

- Deliver more memory density with DDR5 (up to 3 TB of RAM) providing greater memory capacity per socket.
- Support lower latency higher performance NVMe SSD in a hardware RAID solution helps maximize compute performance.

Cyber Resilient Architecture for Zero Trust IT environment & operations

Security is integrated into every phase of the PowerEdge lifecycle, including protected supply chain and factory-to-site integrity assurance. Silicon-based root of trust anchors end-to-end boot resilience while Multi-Factor Authentication (MFA) and role-based access controls ensure trusted operations.

Increase efficiency and accelerate operations with autonomous collaboration

The Dell OpenManage™ systems management portfolio delivers a secure, efficient, and comprehensive solution for PowerEdge servers. Simplify, automate and centralize one-to-many management with the OpenManage Enterprise console and iDRAC.

Sustainability

From recycled materials in our products and packaging, to thoughtful, innovative options for energy efficiency, the PowerEdge portfolio is designed to make, deliver, and recycle products to help reduce the carbon footprint and lower your operation costs. We even make it easy to retire legacy systems responsibly with Dell Technologies Services.

Rest easier with Dell Technologies Services

Maximize your PowerEdge Servers with comprehensive services ranging from Consulting, to ProDeploy and ProSupport suites, Data Migration and more – available across 170 locations and backed by our 60K+ employees and partners.

PowerEdge R7615

The Dell PowerEdge R7615 Rack Server is a highly scalable Single-socket 2U rack server that delivers performance and outstanding TCO. It is ideal for the following workloads and applications:

- Software-Defined Storage (SDS)
- Virtualization
- Data Analytics

Feature	Technical Specifications
Processor	One 4th Generation AMD EPYC 9004 Series processor with up to 128 cores per processor
Memory	• 12 DDR5 DIMM slots, supports RDIMM 3 TB max, speeds up to 4800 MT/s • Supports registered ECC DDR5 DIMMs only
Storage controllers	• Internal Controllers: PERC H965i, PERC H755, PERC H755N, PERC H355, HBA355i • Internal Boot: Boot Optimized Storage Subsystem (BOSS-N1): HWRAID 2 x M.2 NVMe SSDs or USB • External HBA (non-RAID): HBA355e • Software RAID: S160
Drive Bays	Front bays: • Up to 8 x 3.5-inch SAS/SATA (HDD/SSD) max 160 TB • Up to 12 x 3.5-inch SAS/SATA (HDD/SSD) max 240 TB • Up to 8 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 122.88 TB • Up to 16 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 245.76 TB • Up to 24 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 368.64 TB • Up to 8 x EDSFF E3.S Gen5 NVMe (SSD) max 61.44 TB • Up to 16 x EDSFF E3.S Gen5 NVMe (SSD) max 122.88 TB • Up to 32 x EDSFF E3.S Gen5 NVMe (SSD) max 245.76 TB Rear bays: • Up to 2 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 30.72 TB • Up to 4 x 2.5-inch SAS/SATA/NVMe (HDD/SSD) max 61.44 TB • Up to 4 x EDSFF E3.S Gen5 NVMe (SSD) max 30.72 TB
Power Supplies	• 2400 W Platinum 100—240 VAC or 240 HVDC, hot swap redundant • 1800 W Titanium 200—240 VAC or 240 HVDC, hot swap redundant • 1400 W Platinum 100—240 VAC or 240 HVDC, hot swap redundant • 1400 W Titanium 277 VAC or 336 HVDC, hot swap redundant • 1100 W Titanium 100—240 VAC or 240 HVDC, hot swap redundant • 1100 W LVDC -48 — -60 VDC, hot swap redundant • 800 W Platinum 100—240 VAC or 240 HVDC, hot swap redundant • 700 W Titanium 200—240 VAC or 240 HVDC, hot swap redundant
Cooling Options	• Air cooling • Optional Direct Liquid Cooling (DLC) Note: DLC is a rack solution and requires rack manifolds and a cooling distribution unit (CDU) to operate.
Fans	• High performance Silver (HPR) fans/ High performance Gold (VHP) fans • Up to 6 hot plug fans
Dimensions	• Height – 86.8 mm (3.41 inches) • Width – 482 mm (18.97 inches) • Depth – 772.13 mm (30.39 inches) with bezel 758.29 mm (29.85 inches) without bezel
Form Factor	2U rack server
Embedded Management	• iDRAC9 • iDRAC Direct • iDRAC RESTful API with Redfish • iDRAC Service Module • Quick Sync 2 wireless module
Bezel	Optional LCD bezel or security bezel
OpenManage Software	• CloudIQ for PowerEdge plug in • OpenManage Enterprise • OpenManage Enterprise Integration for VMware vCenter • OpenManage Integration for Microsoft System Center • OpenManage Integration with Windows Admin Center • OpenManage Power Manager plugin • OpenManage Service plugin • OpenManage Update Manager plugin
Mobility	OpenManage Mobile
OpenManage Integrations	• BMC Truesight • Microsoft System Center • OpenManage Integration with ServiceNow • Red Hat Ansible Modules • Terraform Providers • VMware vCenter and vRealize Operations Manager
Security	• AMD Secure Memory Encryption (SME) • AMD Secure Encrypted Virtualization (SEV) • Cryptographically signed firmware • Data at Rest Encryption (SEDs with local or external key mgmt) • Secure Boot • Secure Erase • Secured Component Verification (Hardware integrity check) • Silicon Root of Trust • System Lockdown (requires iDRAC9 Enterprise or Datacenter) • TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ
Embedded NIC	2 x 1 GbE LOM card (optional)

Feature	Technical Specifications		
Network options	1 x OCP card 3.0 (optional) Note: The system allows either LOM card or an OCP card or both to be installed in the system.		
GPU Options	Up to 3 x 300 W DW or 6 x 75 W SW		
Ports	**Front Ports** • 1 x iDRAC Direct (Micro-AB USB) port • 1 x USB 2.0 • 1 x VGA		**Rear Ports** • 1 x Dedicated iDRAC Ethernet port • 1 x USB 2.0 • 1 x USB 3.0 • 1 x VGA • 1 x Serial (optional) • 1 x VGA (optional for Direct Liquid Cooling configuration)
	Internal Ports • 1 x USB 3.0 (optional)		
PCIe	Up to eight PCIe slots: • Slot 1: 1 x8 Gen5 Full height, Half length • Slot 2: 1 x8/1 x16 Gen5 Full height, Half length or 1 x16 Gen5 Full height, Full length • Slot 3: 1 x16 Gen5 or 1 x8/1 x16 Gen4 Low profile, Half length • Slot 4: 1 x8 Gen4 Full height, half length • Slot 5: 1 x8/1 x16 Gen4 Full height, Half length or 1 x16 Gen4 Full height, Full length • Slot 6: 1 x8/1 x16 Gen4 Low Profile, Half length • Slot 7: 1 x8/1 x16 Gen5 or 1 x16 Gen4 Full height, Half length or 1 x16 Gen5 Full height, Full length • Slot 8: 1 x8/1 x16 Gen5 Full height, Half length		
Operating System and Hypervisors	• Canonical Ubuntu Server LTS • Microsoft Windows Server with Hyper-V • Red Hat Enterprise Linux • SUSE Linux Enterprise Server • VMware ESXi For specifications and interoperability details, see Dell.com/OSsupport.		
OEM-ready version available	From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you. For more information, visit Dell.com > Solutions > OEM Solutions.		

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