LiveAction

LiveWire PowerCore 3200

Quick Start Guide

20250304-QSG3200_2510a

Contents

LiveWire PowerCore 3200

About LiveWire PowerCore 3200

Congratulations on your purchase of LiveWire™ PowerCore 3200! The LiveWire PowerCore 3200 appliance uniquely combines flow-based reporting using deep packet inspection (DPI) with high-speed, packet capture and storage. LiveWire PowerCore 3200 is designed to work with LiveAction's LiveNX and various other platforms. Because LiveWire PowerCore 3200 starts with packet data, it is able to provide a unique, and extended, set of flow-based monitoring data called LiveFlow. LiveFlow is extended IPFIX data and is exported to LiveNX and other platforms. Please also refer to the LiveNX and the other platform documentation for more information on using the LiveFlow data exported to LiveNX and other platforms.

What's included

Your standard LiveWire PowerCore 3200 package includes:

- ° LiveWire 3200 packet capture and analysis appliance
- ° Pre-loaded, tested, and fully integrated LiveWire software for high-speed packet capture, storage, and flow based telemetry generation
- ° Web-based configuration
- ° LiveWire Omnipeek
- ° Omnipeek for Windows License (1)
- ° Two power cords
- ° Rack-mount rails
- ° Chassis bezel

LiveWire PowerCore 3200 Technical Specifications

Specification	Description
Base	OEM Dell PowerEdge R7525 Server
Chassis	Chassis with up to 12 x 3.5" HDDs on BP, 2 x 2.5" HDDs Flexbay
Motherboard	OEM PowerEdge R7525 Motherboard
Processor	AMD EPYC 73F3 3.5GHz, 16C/32T (2)
Memory	32GB RDIMM, 3200MT/s, Dual Rank (8)
RAID/Internal Storage Controllers	PERC H755 Adapter, Low Profile
Hard Drive	1.92TB SSD SAS ISE Read Intens ive 12Gbps 512 2.5in Flex Bay AG Drive, 1 DWPD (2) 20TB Hard Drive SAS 12Gbps 7.2 K 512e 3.5in Hot-Plug (12)
Network Adapters	Broadcom 57416 Dual Port 10GbE BASE-T Adapter, OCP NIC 3.0
Fans	Performance Fans (6)
Power Supply	Dual, Hot-Plug, Power Supply, 1100W MM (100-240Vac) Titanium, Redundant (1+1)
Power Cords	C13, 3M, 125V, 15 A (2)
PCIe Riser	Riser Config 8, Half Length, 4 x16 slots - Slot 2: x16 FH/FL (CPU 1) - Slot 3: x16 HH/FL (CPU 1) - Slot 6: x16 HH/FL (CPU 2) - Slot 7: x16 FH/FL (CPU 2)
Embedded Systems Management	iDRAC9, Enterprise
Quick Sync	Quick Sync 2, OEM
Rack Rails	ReadyRails Sliding Rails Without Cable Management Arm

PSU Specifications:
  PSU
  Class
  Heat Dissipation (Maximum)
  Frequency
  Voltage
  High Line 200 V 240 V
  Low Line 100-140 V
  Current
	
	1100 W DC
	Titanium
	4100 BTU/hr
	50/60 Hz
	100–240 V AC, autoranging
	1100 W
	1050 W
	Environ12A–6.3 A

Temperature Specifications ASHRAE A2:	
Temperature ranges for altitudes <= 900 m (<= 2953 ft)	10–35°C (50–95°F) with no direct sunlight on the equipment
Humidity percent ranges (non-condensing at all times)	8% RH with -12°C minimum dew point to 80% RH with 21°C (69.8°F) maximum dew point
Operational altitude de-rating	Maximum temperature is reduced by 1°C/300 m (33.8°F/984 Ft) above 900 m (2953 Ft)
Temperature Specifications ASHRAE A3:	
Temperature ranges for altitudes <= 900 m (<= 2953 ft)	5–40°C (41–104°F) with no direct sunlight on the equipment
Humidity percent ranges (non-condensing at all times)	8% RH with -12°C minimum dew point to 85% RH with 24°C (75.2°F) maximum dew point

Specification	Description
Operational altitude de-rating	Maximum temperature is reduced by 1°C/175 m (33.8°F/574 Ft) above 900 m (2953 Ft)
Temperature Specifications ASHRAE A4:	
Temperature ranges for altitudes <= 900 m (<= 2953 ft)	5–45°C (41–113°F) with no direct sunlight on the equipment
Humidity percent range (non-condensing at all times)	8% RH with -12°C minimum dew point to 90% RH with 24°C (75.2°F) maximum dew point
Operational altitude de-rating	Maximum temperature is reduced by 1°C/125 m (33.8°F/410 Ft) above 900 m (2953 Ft)
Relative Humidity Specifications:	
Operating	10% to 80% relative humidity with 29°C (84.2°F) maximum dew point.
Storage	8% RH with -12°C minimum dew point to 90% RH with 24°C (75.2°F) maximum dew point. Non-condensing at all times.
Maximum Vibration Specifications:	
Operating	0.26 G_{rms} at 5 Hz to 350 Hz (all operation orientations)
Storage	1.88 G_{rms} at 10 Hz to 500 Hz for 15 minutes (all six sides tested)
Maximum Shock Pulse Specifications:	
Operating	Six consecutively executed shock pulses in the positive and negative x, y, and z axis of 6 G for up to 11 ms.
Storage	Six consecutively executed shock pulses in the positive and negative x, y, and z axis (one pulse on each side of the system) of 71 G for up to 2 ms.

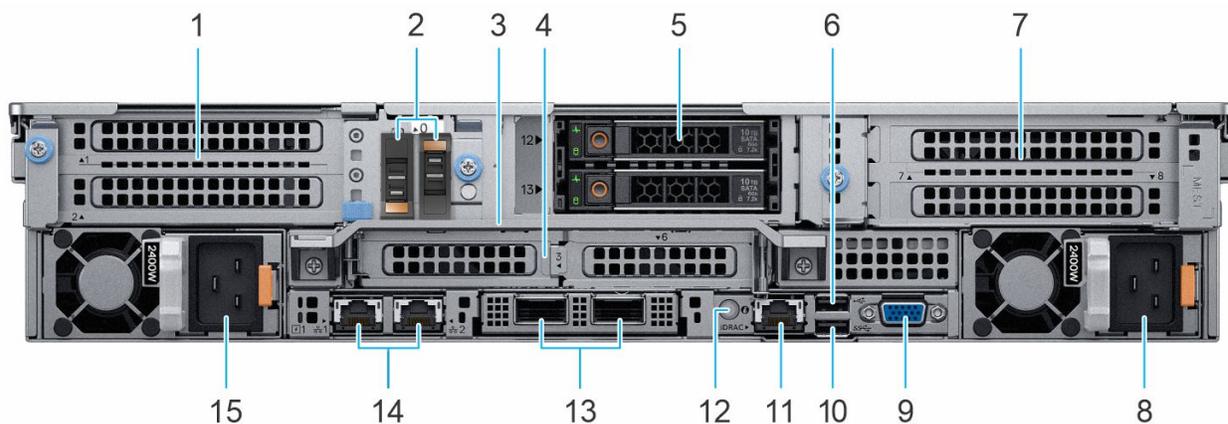# LiveWire PowerCore 3200 front / back panels

See the illustrations and descriptions of the LiveWire PowerCore 3200 front and back panel in the sections below.

Front panel

Item	Panels and Slots	Icon	Description
1	Left control panel	N/A	Contains system health and system ID, status LED or optional iDRAC Quick Sync 2 (wireless).
2	Drive slots	N/A	Enables you to install drives that are supported on your system.
3	Right control panel	N/A	Contains the power button, USB port, iDRAC Direct micro port, and the iDRAC Direct status LED.
4	Information tag	N/A	The Information tag is a slide-out label panel that contains system information such as Service Tag, NIC, MAC address, and so on. If you have opted for the secure default access to iDRAC, the Information tag also contains the iDRAC secure default password.

Back panel

Item	Ports, Panels, or Slots	Icon	Description
1	PCIe expansion card riser 1 (slot 1 and slot 2)	N/A	The expansion card riser enables you to connect PCI Express expansion cards.
2	BOSS S2 card (optional)	N/A	This slot supports the BOSS S2 module.
3	Rear Handle	N/A	External RJ45 time synchronization connector
4	PCIe expansion card riser 2 (slot 3 and slot 6)	N/A	The expansion card riser enables you to connect PCI Express expansion cards.
5	Rear drive module	N/A	Enables you to install drives that are supported on your system.
6	USB 2.0 port (1)		This port is USB 2.0-compliant.
7	PCIe expansion card riser 4 (slot 7 and slot 8)	N/A	The expansion card riser enables you to connect PCI Express expansion cards.
8	Power supply unit (PSU 2)		This is power supply unit (PSU 2).
9	VGA port		Enables you to connect a display device to the system.
10	USB 3.0 port (1)		This port is USB 3.0-compliant.
11	iDRAC dedicated port	iDRAC	Enables you to remotely access iDRAC.
12	System identification button		Press the system ID button: - To locate a particular system within a rack. - To turn the system ID on or off. To reset iDRAC, press and hold the button for more than 16 seconds. Note: - To reset iDRAC using system ID, ensure that the system ID button is enabled in the iDRAC setup. - If the system stops responding during POST, press and hold the system ID button (for more than 5 seconds) to enter the BIOS progress mode.
13	OCP NIC port (optional)	N/A	This port supports OCP 3.0. The NIC ports are integrated on the OCP card which is connected to the system board.

| Item	Ports, Panels, or Slots	Icon	Description
14	NIC port (1,2)		The NIC ports are embedded on the LOM card that is connected to the system board.
15	Power supply unit (PSU 1)		This is power supply unit (PSU 1).

Inside the LiveWire PowerCore 3200

CAUTION! Many repairs may only be done by a certified service technician. You should only perform troubleshooting and simple repairs as directed by the LiveAction support team. Damage due to servicing that is not authorized by LiveAction is not covered by your warranty. Read and follow the safety instructions that are shipped with your product.

Note A defective drive should have a consistent RED blinking LED which should make it easier to detect.

Internal components
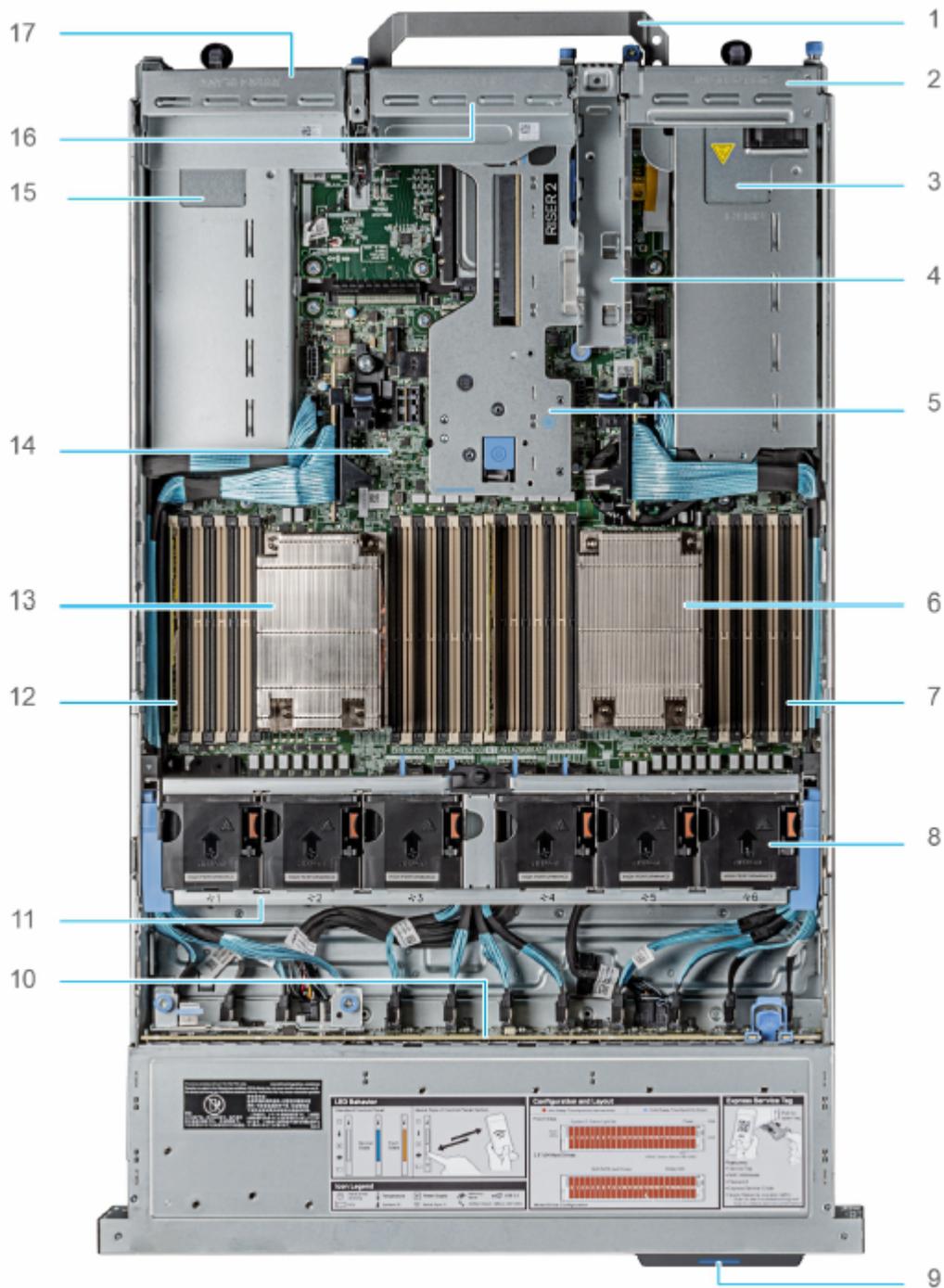
Item	Description
1	Handle
2	Riser 1 blank
3	Power supply unit (PSU 1)
4	BOSS S2 card slot

Item	Description
5	Riser 2
6	Heat sink for processor 1
7	Memory DIMM socket for processor 1 (E,F,G,H)
8	Cooling fan assembly
9	Service tag
10	Drive backplane
11	Cooling fan cage assembly
12	Memory DIMM socket for processor 2 (A,B,C,D)
13	Heat sink for processor 2
14	System board
15	Power supply unit (PSU 2)
16	Riser 3 blank
17	Riser 4 blank

> *Note* A defective drive should have a consistent RED blinking LED which should make it easier to detect.

Installing LiveWire PowerCore 3200

LiveWire PowerCore 3200 with front bezel attached

To install LiveWire PowerCore 3200:

1. Place LiveWire PowerCore 3200 on a flat surface, or mount it in a standard 19-inch equipment rack.

2. Connect a power cable to each of the two power outlets at back of the unit.

> *Note* LiveWire PowerCore 3200 has two redundant high-efficiency "hot-swappable" power supplies. If a power module fails, it should be replaced immediately. If your LiveWire PowerCore 3200 is under warranty, please contact Technical Support to arrange for a replacement power supply.

3. Plug the other end of the power cables to an AC outlet.

Important! WARNING: This device has more than one power cord. Disconnect ALL power supply cords before servicing.

AVERTISSEMENT: Cet appareil a plus d'une cordon d'alimentation. Débranchez TOUTES les cordons d'alimentation avant l'entretien.

Connecting network cables

LiveWire PowerCore 3200 includes Gigabit Ethernet ports and Integrated Remote Access Controller (iDRAC) ports used for remotely accessing and troubleshooting LiveWire PowerCore 3200. See 'LiveWire PowerCore 3200 front / back panels' on page 4 for the location of these ports.

To connect network cables:

° Use a standard Ethernet cable to connect these ports to your network.

Tip To reach LiveWire PowerCore 3200 through an SSH connection, you can use an Ethernet cable connected directly between the Gigabit Ethernet port on LiveWire PowerCore 3200 and your PC or laptop. LiveWire PowerCore 3200 eth0 port is configured at the factory to have a DHCP IP address with a fail over to 192.168.1.21. The PC or laptop must be configured to be on the same IP subnet.

System fans

LiveWire PowerCore 3200 has multiple cooling fans that are used to cool the system chassis. If any one of the fans fail, it should be replaced immediately. If your LiveWire PowerCore 3200 is under warranty, please contact LiveAction Technical Support to arrange for a replacement fan.

Important! The chassis top cover must be properly installed in order for the cooling air to circulate correctly through the chassis and cool the components.

Important! WARNING: Slide/rail mounted equipment is not to be used as a shelf or a work space.

AVERTISSEMENT: Le matériel monté sur rails/coulisseaux ne doit pas être utilisé comme étagère ou espace de travail.

Connecting TeraVault to LiveWire PowerCore 3200

The storage capacity of any LiveWire PowerCore 3200 with 200 TB, RAID 6 (240 TB, optional RAID 0) of total hard disk capacity can be increased through the addition of TeraVault for LiveWire PowerCore. TeraVault is available in a configuration of 200 TB, RAID 6 (240 TB, optional RAID 0). Up to four TeraVault units can be added for a total of up to 1000 TB, RAID 6 (1200 TB, optional RAID 0). If you purchased TeraVault with your LiveWire PowerCore 3200, the instructions to connect it to your LiveWire PowerCore 3200 are provided below.

To connect TeraVault to LiveWire PowerCore 3200:

1. Make sure both TeraVault and LiveWire PowerCore 3200 are powered OFF.

2. Select a suitable location for both TeraVault and LiveWire PowerCore 3200. Both units can be installed on a flat surface, or mounted in a standard 19-inch equipment rack.

3. Run the SAS external cascading cable between the units so that the cable is not kinked, bent, or twisted. The SAS external cascading cable is included with TeraVault.

SAS external cascading cable

Blue Pull-tab
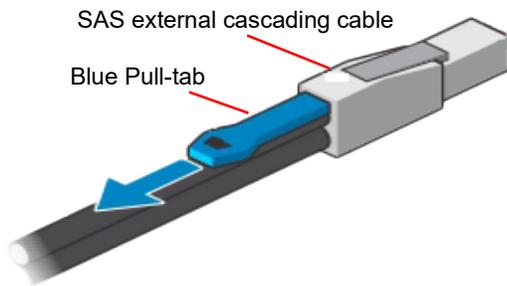
Note If you have multiple TeraVault boxes, and the system is disconnected for any reason, the cabling of the boxes needs to be exactly as it was before, otherwise the RAID won't be seen correctly. To assist you with the cabling, every TeraVault box is labeled with a number, and every TeraVault cable is labeled to the exact port it needs to get plugged into. See 'Connecting multiple TeraVault units' on page 11.

4. Facing the rear of LiveWire PowerCore, insert one connector of the SAS external cascading cable into the left RAID port (Port B/1) of the RAID controller on LiveWire PowerCore 3200 so that the release blue pull-tab is on the bottom as shown below.

Blue Pull-tab

SAS external cascading cable

Blue Pull-tab (on bottom)
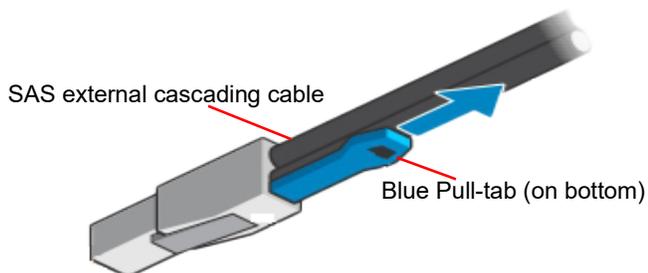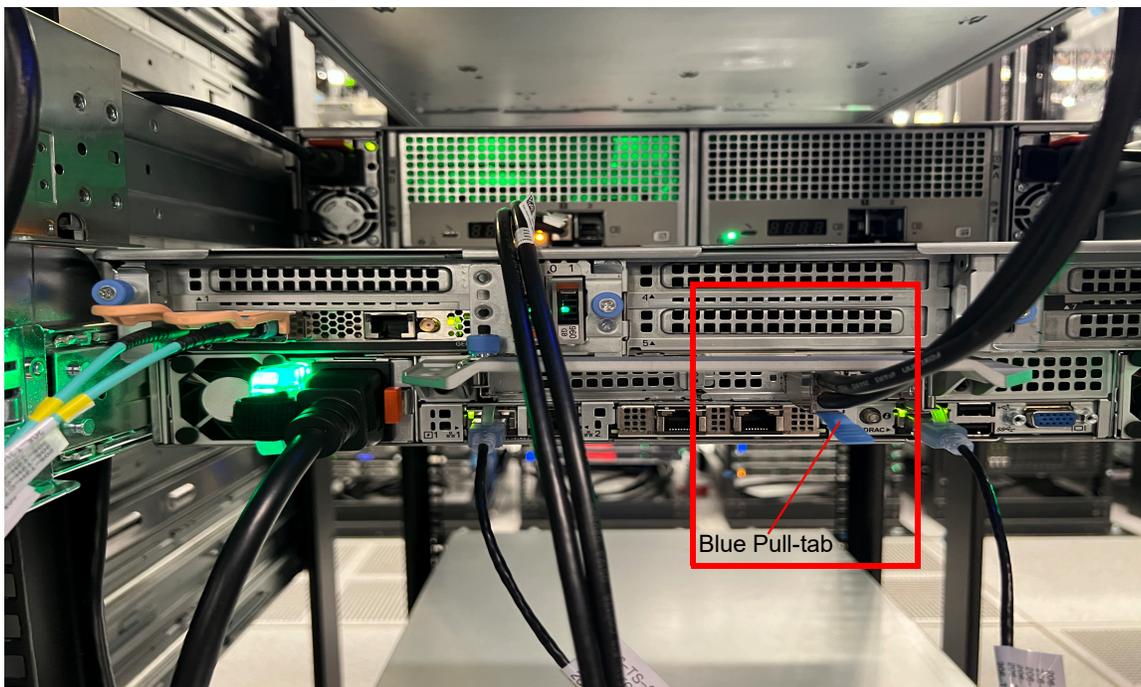
Cable orientation when connected to PowerCore 3200 RAID card

> **Note** It may be necessary to remove the handle on the rear of the appliance in order to connect the SAS external cascading cable into the left RAID port (Port B/1) of the RAID controller.

5. To set up a configuration with redundant paths, both ports on the LiveWire PowerCore 3200 RAID card must be cabled to the two ports of a single TeraVault unit as shown below. You will essentially repeat steps 1 - 4 above, but this time you will be connecting both ports on the TeraVault unit 'JBOD 1' to both ports on the LiveWire PowerCore 3200 RAID card (H840) as shown below.

PowerCore 3200 RAID Controller

Port 0   Port 0

TeraVault Unit

SAS external cascading cable

Blue Pull-tab (on top)
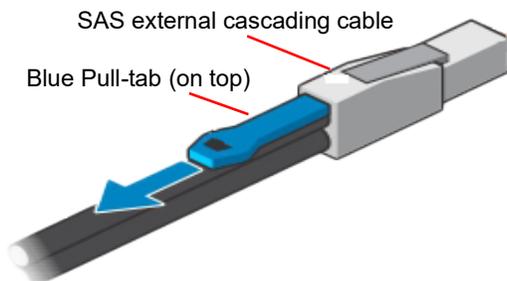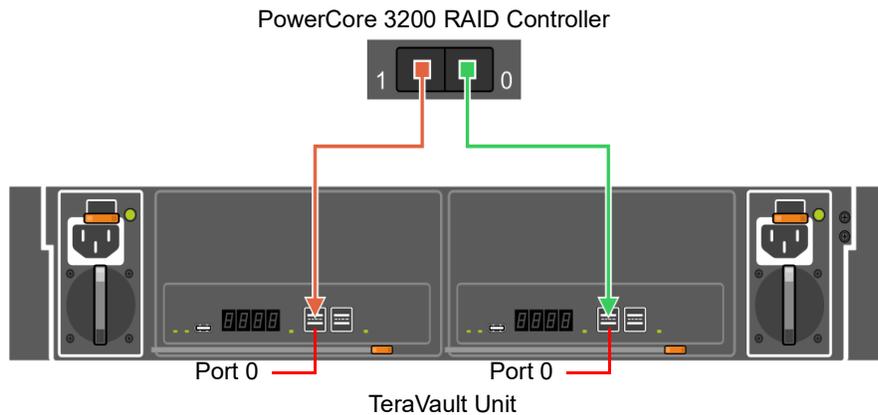
Cable orientation when connected to TeraVault

> **Note** Be certain the connectors are installed completely as it can look and feel as if the cable is secured without actually making a connection. Give the connector body a tug, then push it in again to be sure.

6. Turn on power to TeraVault by simply plugging the power cable into a power supply. The TeraVault must be powered on first (order matters). You may see brief bursts of LED activity as the expander in TeraVault scans the drives.

7. Turn on the power to LiveWire PowerCore. The system is ready for use as soon as the LiveWire PowerCore boot sequence completes.

Connecting multiple TeraVault units

When connecting multiple TeraVault (JBOD) units to LiveWire PowerCore 3200, it is important to note that each LiveWire PowerCore 3200 and TeraVault unit have LiveAction labels with matching serial numbers. Additionally, each TeraVault unit has a label on the front (designating JBOD 1, 2, 3, etc.), which is the order the units are daisy-chained to LiveWire PowerCore 3200 and each of the TeraVault units. Multiple SAS external cascading cables are included and are also labeled to guide you in connecting each of the units.

To connect multiple TeraVault units:

1. Locate the LiveAction label on each LiveWire PowerCore 3200 and TeraVault unit. Make sure the LiveAction serial numbers are the same on LiveWire PowerCore 3200 and each of the storage units.

2. Locate the first TeraVault unit labeled as 'JBOD 1' and also the SAS external cascading cable labeled 'HBA - Port 0.' Use the 'HBA - Port 0' cable and connect the TeraVault unit 'JBOD 1' to LiveWire PowerCore 3200 as described in 'Connecting TeraVault to LiveWire PowerCore 3200' on page 9. **Make sure the blue release pull-tab on the cable connected to the LiveWire PowerCore 3200 RAID card is on the bottom, while the pull-tab connected to the TeraVault JBOD is on the top**.

3. Locate the second TeraVault unit labeled as 'JBOD 2' and also the SAS external cascading cable labeled 'JBOD 1 - Port 1.' Use the 'JBOD 1 - Port 1' cable and connect this TeraVault unit to the previous TeraVault unit (JBOD 1). Make sure the release pull-tab on the cable is on the top.

4. Repeat Step 3 for any additional TeraVault units, making sure each successive 'JBOD' is connected to the previous 'JBOD' using the appropriate SAS external cascading cable.

5. To set up a configuration with redundant paths, both ports on the LiveWire PowerCore 3200 RAID card must be cabled to the ports of a single TeraVault unit as shown below. You will essentially repeat steps 1 - 4 above, but this time you will be connecting both ports on the TeraVault unit 'JBOD 1' to both ports on the LiveWire PowerCore 3200 RAID card.

PowerCore 3200 RAID Controller
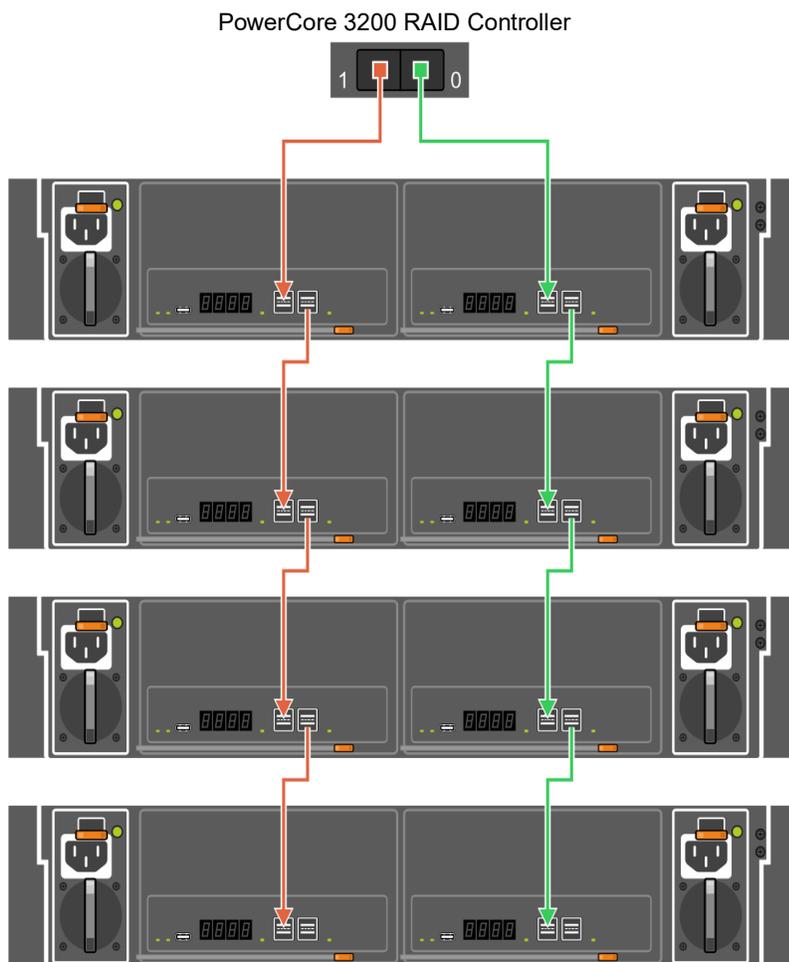
LiveWire PowerCore 3200 activation

Once LiveWire is installed, when you attempt to connect to it for the very first time, you must activate the product before it can be used. You can activate LiveWire either from logging directly into a web-based version of Omnipeek, or from the **Capture Engines Window** in Omnipeek.

Both an automatic and a manual method are available for activation. The automatic method is quick and useful if you have Internet access from the computer from where you are performing the activation. If Internet access is not available, the manual method is available; however, you will need to go to a computer that does have Internet access in order to download a License file that is required to complete the manual activation.

You will need to enter the following information to successfully activate LiveWire, so please have this information readily available:

° IP address of LiveWire

° Product key

° User name

° Company name

° Email address

° Version number

Activation via Omnipeek Web

To activate LiveWire via Omnipeek:

1. From your web browser, type the IP address of LiveWire into the URL field of the browser and press **Enter**. The Omnipeek login screen appears.
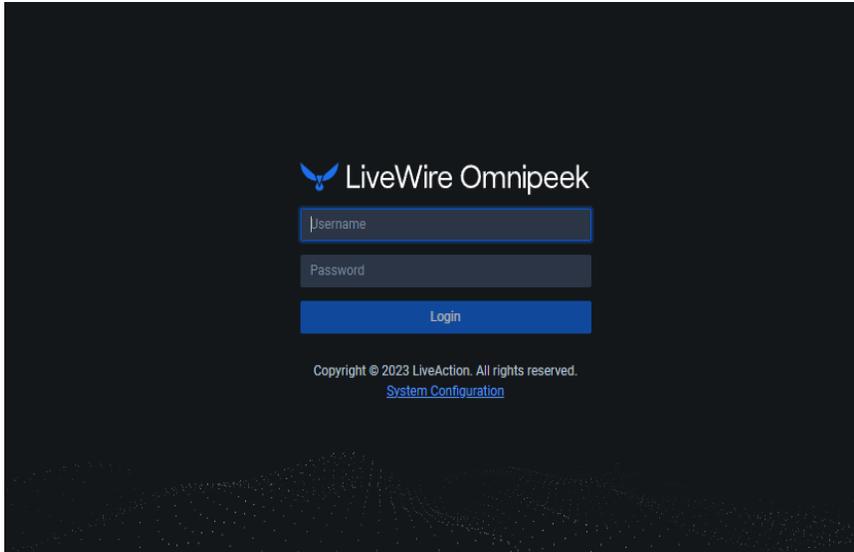
° *Username*: Type the username for LiveWire. The default is *admin*.

° *Password*: Type the password for LiveWire. The default is *admin*.

2. Type the *Username* and *Password* and click **Login**. The Omnipeek *Activation License* window appears.

> *Note* You can also access the Omnipeek *Activation License* window by clicking *Update License* from the Capture Engine *Home* screen in Omnipeek.

3. If your client has an active Internet connection, select *Automatic* and click **Next**. The **Customer Information** window appears. Continue with Step 4 below.

- ◦ *NAME:* Type the user name of the customer.
- ◦ *COMPANY:* Type the company name.
- ◦ *EMAIL:* Type the email address of the customer.
- ◦ *PRODUCT KEY:* Type the product key.

If your client does not have an active Internet connection, or you are prevented from accessing the Internet using personal firewalls, or there are other network restrictions that may block automatic activations, select *Manual* and click **Next.** The **Manual Activation** window appears. Skip to Step 5 below.

Note The manual activation method is available for instances described above; however, you will need to go to a computer that does have Internet access in order to download a License file that is required to complete the manual activation.

> **Note** The *Locking code* displayed in the window above is required in Step 6 below. You can click the small icon next to the code to save it to the clipboard so you can paste it into the Locking Code field in Step 6 below.

4. Complete the Customer Information window and click **Next**. LiveWire is now activated and you can begin using the product. The activation process is complete.

> **Note** If the automatic activation does not complete successfully, go back and select the manual activation process. Personal firewalls or other network restrictions may block automatic activations.

5. Click the *activate* link (*https://mypeek.liveaction.com/activate_product.php*) in the window. A web browser page opens that allows you to activate your LiveAction product and to obtain and download a license file. The license file is required to complete the manual activation.

Activate Your LiveAction Product

Use this form to activate LiveAction software in instances where the machine you are installing on doesn't have an internet connection.

PLEASE NOTE: This form is only used to activate version 12.0 and later of our Omnipeek and Capture Engine products. If you have a version previous to 12.0, please go to https://reg.savvius.com to manually activate your product.

Version:	-- ▼ . -- ▼	Enter only two numbers, e.g. for 3.0.1, enter 3.0.
Product Key or Serial Number :		
Locking Code:		During installation of your product, this value will be displayed on your screen. Please enter it exactly as shown.
First Name:		
Last Name:		
Email Address:		
Company:		

ACTIVATE PRODUCT ▶

6. Complete the information on the activation page and click **ACTIVATE PRODUCT**. The following page appears once the activation is complete.

MYPEEK PRODUCT PORTAL / ACTIVATE PRODUCT

ACTIVATE PRODUCT

Activate Your LiveAction Product

✔ Your activation is complete, please download your license file below.

DOWNLOAD LICENSE FILE ▶

7. Click **DOWNLOAD LICENSE FILE** to save the license file to your computer. You will need the license file in the following steps.

8. Return back to the to the **Manual Activation** window, and click **Choose License File**.

9. Navigate to the license file downloaded above and click **Open**.

10. Click **Next** in the **Manual Activation** window. LiveWire is now activated and you can begin using the product. The activation process is complete.
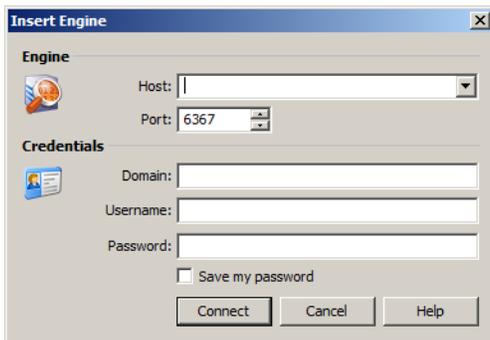
Activation via Omnipeek

Note   Activation of LiveWire via Omnipeek is supported on Omnipeek version 13.1 or higher.
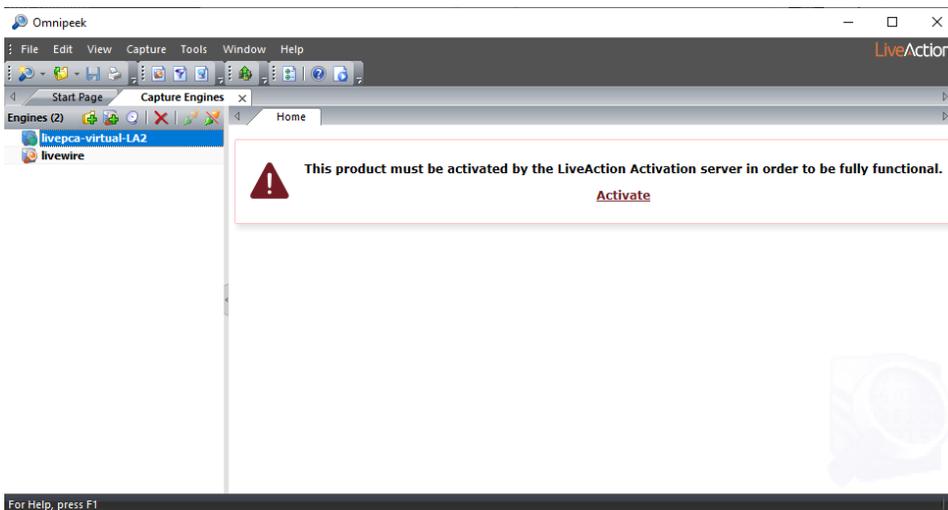
To activate LiveWire via Omnipeek:

1. From the Omnipeek Start Page, click **View Capture Engines** to display the **Capture Engines** window.
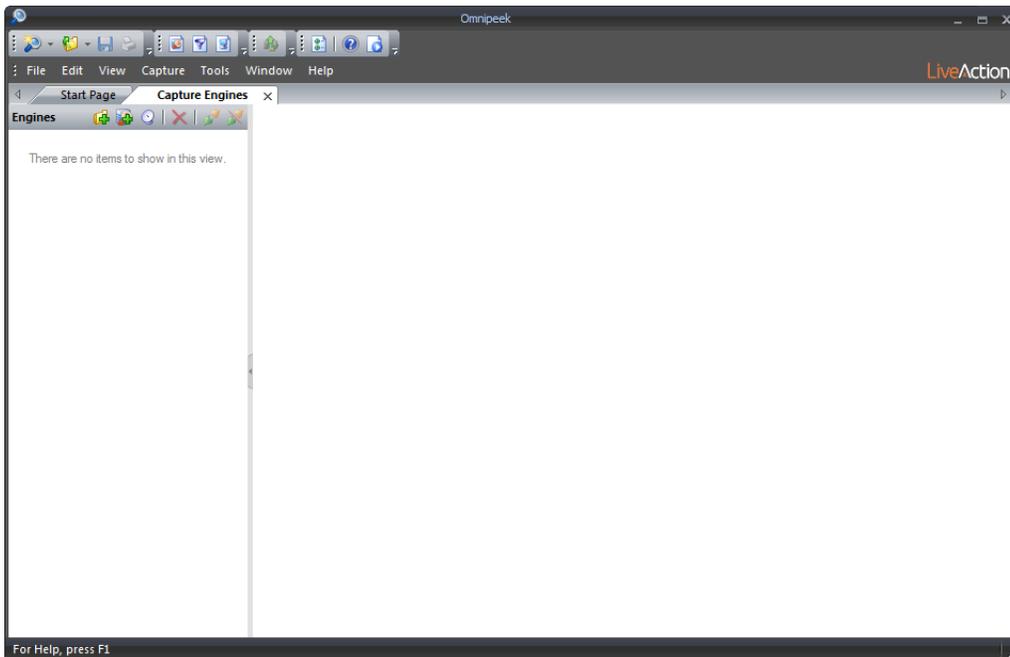
2. Click *Insert Engine* and complete the **Insert Engine** dialog.

- ◦ *Host*: Enter the IP address of LiveWire.
- ◦ *Port*: Enter the TCP/IP port used for communications. Port 6367 is the default for LiveWire.
- ◦ *Domain*: Type the Domain for login to LiveWire. If LiveWire is not a member of any Domain, leave this field blank.
- ◦ *Username*: Type the username for LiveWire. The default is *admin*.
- ◦ *Password*: Type the password for LiveWire. The default is *admin*.
- ◦ *Save my password*: Select this option to remember your password to connect to LiveWire.

3. Click **Connect** to connect to LiveWire. If LiveWire has not yet been activated, the activation message appears in the **Capture Engines** window.

4. Click *Activate* LiveWire. The **Activation Method** dialog appears.

5. If your client has an active Internet connection, select *Automatic* and click **Next**. Otherwise, select *Manual* and click **Next.** The **Customer Information** dialog appears.

- *User Name*: Type the user name of the customer.

- *Company Name*: Type the company name.

- ○ *Email*: Type the email address of the customer.

- ○ *Serial Number or Product Key*: Type either the serial number or product key.

6. Complete the **Customer Information** dialog and click **Next**. If you selected the *Automatic* activation, LiveWire is now activated and you can begin using the product. The activation process is complete.

If you selected the *Manual* activation, the **Manual Activation** dialog appears. You will need to continue with the remaining steps.

> **Note** The manual activation method is available for instances when a computer does not have Internet access; however, you will need to go to a computer that does have Internet access in order to download a License file that is required to complete the manual activation.

Product Activation

Manual Activation
Follow the directions below

Go to activate product and fill out the "Activate Product" form located there. When you are finished and have a license file, click Next.

You will need the following information:

Product Name: LiveCapture Virtual

Product Version: 13.1

Serial Number or Product Key:

XL0902RZ6RZ35YB

Locking Code:

*1J3ZER83TBKVZRH

< Back   Next >   Cancel

> **Note** The *Product Key*, and also the *Locking Code* displayed in the **Manual Activation** dialog are required in the next step. You can cut and paste this information from the **Manual Activation** dialog when required in the next step.

7. Click the *activate product* link (*https://mypeek.liveaction.com/activate_product.php*) in the dialog. A web browser page opens that allows you to activate your LiveAction product and to obtain and download a license file. The license file is required to complete the manual activation.

Activate Your LiveAction Product

Use this form to activate LiveAction software in instances where the machine you are installing on doesn't have an internet connection.

PLEASE NOTE: This form is only used to activate version 12.0 and later of our Omnipeek and Capture Engine products. If you have a version previous to 12.0, please go to https://reg.savvius.com to manually activate your product.

Version:	[-- ▼] . [-- ▼]	Enter only two numbers, e.g. for 3.0.1, enter 3.0.
Product Key or Serial Number :	[ ]	
Locking Code:	[ ]	During installation of your product, this value will be displayed on your screen. Please enter it exactly as shown.
First Name:	[ ]	
Last Name:	[ ]	
Email Address:	[ ]	
Company:	[ ]	

[ACTIVATE PRODUCT ▸]

8. Complete the information on the activation page and click **ACTIVATE PRODUCT**. The following page appears once the activation is complete.

MYPEEK PRODUCT PORTAL / ACTIVATE PRODUCT

ACTIVATE PRODUCT

Activate Your LiveAction Product

✔ Your activation is complete, please download your license file below.

[DOWNLOAD LICENSE FILE ▸]

9. Click **DOWNLOAD LICENSE FILE** to save the license file to your computer. You will need the license file in Step 11 below.

10. Return to the **Omnipeek Product Activation** dialog, and click **Next**. The **Manual Activation/Choose the license file** dialog appears.
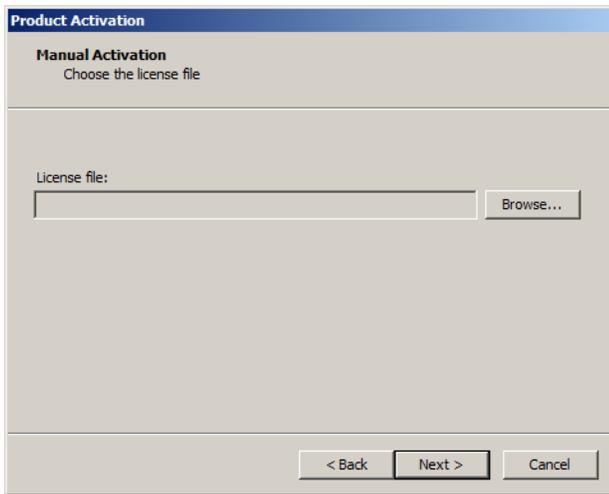
11. Browse to the license file that was downloaded above and click **Next**. LiveWire is now activated and you can begin using the product. The activation process is complete.

Starting / shutting down LiveWire PowerCore 3200

To start LiveWire PowerCore 3200:

◦ LiveWire PowerCore: Press the power button in the upper right corner on the front of the chassis.

To shutdown LiveWire PowerCore 3200:

◦ Click the actions link at the top of the configuration utility to display the Actions dialog, and then select Power Off option.

◦ SSH, or use a console connection to LiveWire and use the 'shutdown' command from the command prompt (*admin@livewire*):

shutdown -h now

> **Note** You can also use the iDRAC interface to shutdown and start LiveWire PowerCore 3200. See the LiveWire User Guide.

Attaching the front bezel

To attach the front bezel on the LiveWire PowerCore 3200:

◦ Attach the front bezel by inserting the locking hooks into the front chassis of LiveWire PowerCore 3200. The bezel should be centered between the two black tabs on the left and right of the chassis.

Contacting LiveAction support

Please contact LiveAction support at *https://www.liveaction.com/support/technical-support/* if you have any questions about the installation and use of LiveWire.

An RMA (Return Material Authorization) number must be obtained from LiveAction before returning hardware. Please contact LiveAction technical support at *https://www.liveaction.com/support/technical-support/* for instructions.