



RAID Controller/ Enclosure Port Guide

V1.09-Apr. 23, 2024

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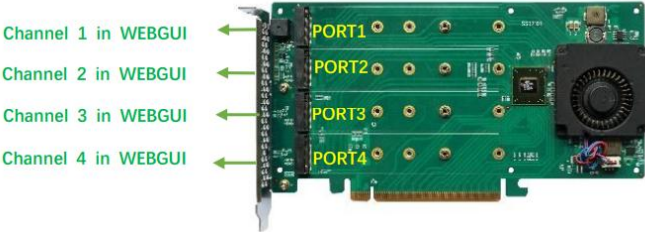

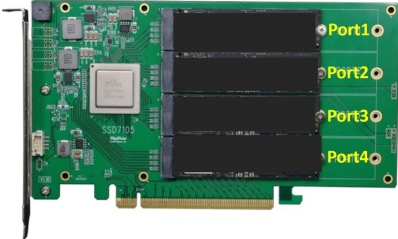


Content





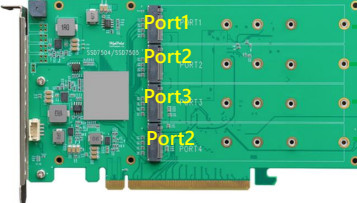

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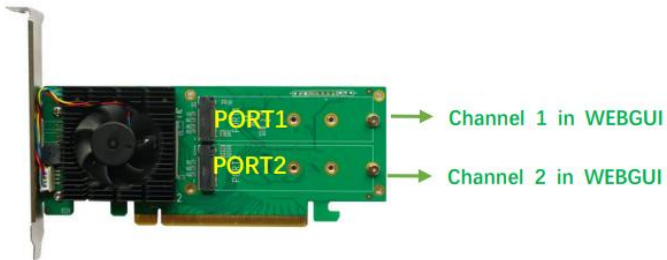
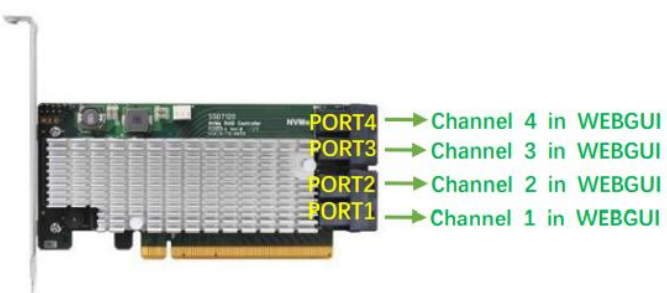




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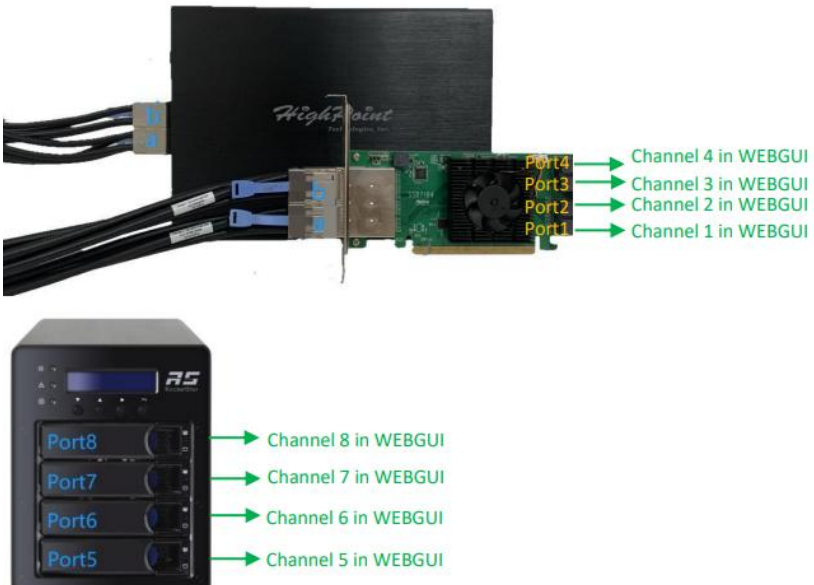
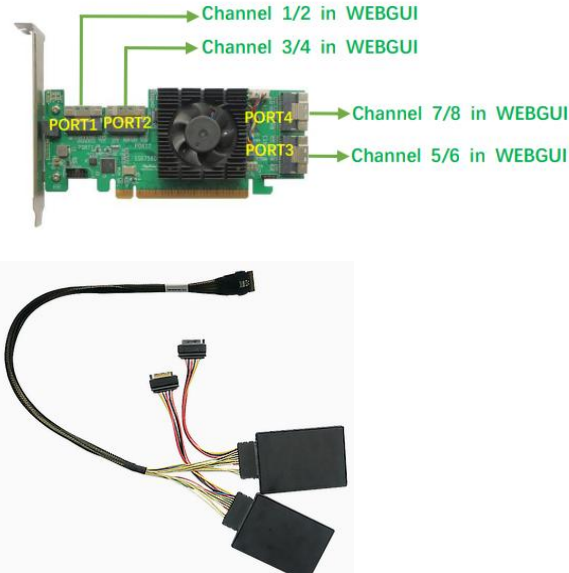
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SSD7000

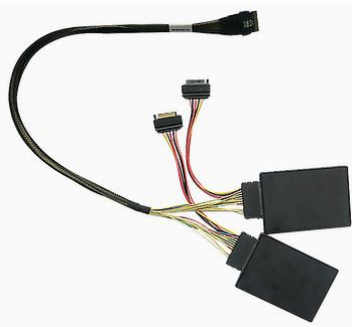
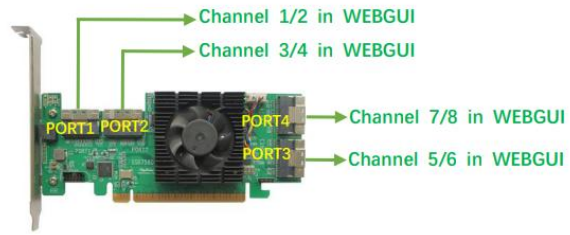
<p>SSD7101A-1</p>	 <p>Channel 1 in WEBGUI ←</p> <p>Channel 2 in WEBGUI ←</p> <p>Channel 3 in WEBGUI ←</p> <p>Channel 4 in WEBGUI ←</p>
<p>SSD7104</p>	 <p>→ Channel 1 in WEBGUI</p> <p>→ Channel 2 in WEBGUI</p> <p>→ Channel 3 in WEBGUI</p> <p>→ Channel 4 in WEBGUI</p>
<p>SSD7105</p>	 <p>→ Channel 1 in WEBGUI</p> <p>→ Channel 2 in WEBGUI</p> <p>→ Channel 3 in WEBGUI</p> <p>→ Channel 4 in WEBGUI</p>
<p>SSD7204</p>	 <p>→ Channel 1 in WEBGUI ←</p> <p>→ Channel 2 in WEBGUI ←</p> <p>→ Channel 3 in WEBGUI ←</p> <p>→ Channel 4 in WEBGUI ←</p>
<p>SSD7140</p>	 <p>Channel 1 in WEBGUI ←</p> <p>Channel 2 in WEBGUI ←</p> <p>Channel 3 in WEBGUI ←</p> <p>Channel 4 in WEBGUI ←</p> <p>→ Channel 5 in WEBGUI</p> <p>→ Channel 6 in WEBGUI</p> <p>→ Channel 7 in WEBGUI</p> <p>→ Channel 8 in WEBGUI</p>

<p>SSD7140A</p>	 <p>Channel 1 in WEBGUI ←</p> <p>Channel 2 in WEBGUI ←</p> <p>Channel 3 in WEBGUI ←</p> <p>Channel 4 in WEBGUI ←</p> <p>→ Channel 5 in WEBGUI</p> <p>→ Channel 6 in WEBGUI</p> <p>→ Channel 7 in WEBGUI</p> <p>→ Channel 8 in WEBGUI</p>
<p>SSD7540</p>	 <p>Channel 1 in WEBGUI ←</p> <p>Channel 2 in WEBGUI ←</p> <p>Channel 3 in WEBGUI ←</p> <p>Channel 4 in WEBGUI ←</p> <p>→ Channel 5 in WEBGUI</p> <p>→ Channel 6 in WEBGUI</p> <p>→ Channel 7 in WEBGUI</p> <p>→ Channel 8 in WEBGUI</p>
<p>SSD7749M</p>	 <p>→ Channel 1 in WEBGUI</p> <p>→ Channel 2 in WEBGUI</p> <p>→ Channel 3 in WEBGUI</p> <p>→ Channel 4 in WEBGUI</p> <p>→ Channel 5 in WEBGUI</p> <p>→ Channel 6 in WEBGUI</p> <p>→ Channel 7 in WEBGUI</p> <p>→ Channel 8 in WEBGUI</p>
<p>SSD7749E</p>	 <p>→ Channel 1 in WEBGUI</p> <p>→ Channel 2 in WEBGUI</p> <p>→ Channel 3 in WEBGUI</p> <p>→ Channel 4 in WEBGUI</p> <p>→ Channel 5 in WEBGUI</p> <p>→ Channel 6 in WEBGUI</p> <p>→ Channel 7 in WEBGUI</p> <p>→ Channel 8 in WEBGUI</p>
<p>SSD7505</p>	 <p>→ Channel 1 in WEBGUI</p> <p>→ Channel 2 in WEBGUI</p> <p>→ Channel 3 in WEBGUI</p> <p>→ Channel 4 in WEBGUI</p>
<p>SSD7202</p>	 <p>→ Channel 1 in WEBGUI</p> <p>→ Channel 2 in WEBGUI</p>

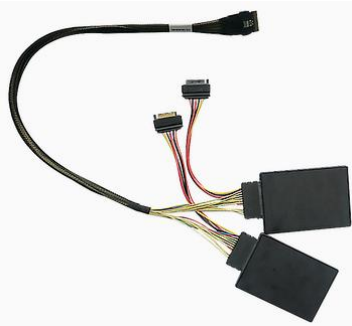
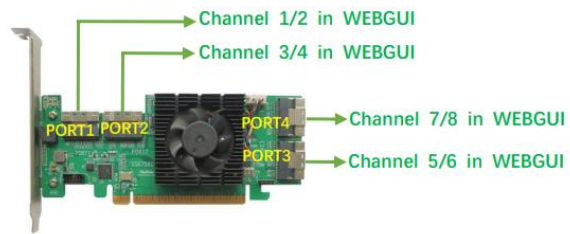
<p>SSD7502</p>	
<p>SSD7120</p>	 <div style="display: flex; justify-content: space-around;"> <div data-bbox="520 828 890 1176"> <p>8643-8643-060</p>  </div> <div data-bbox="907 828 1327 1176"> <p>8643-8639-50</p>  </div> </div>
<p>SSD7180</p>	 <p>8643-8639-50</p> 



<p>SSD7184</p>	 <p>The diagram shows a HighPoint RAID controller card and an RS enclosure. The controller card has four ports labeled Port 4, Port 3, Port 2, and Port 1. The enclosure has four ports labeled Port 8, Port 7, Port 6, and Port 5. Green arrows indicate the channel mapping: Port 4 to Channel 4, Port 3 to Channel 3, Port 2 to Channel 2, Port 1 to Channel 1, Port 8 to Channel 8, Port 7 to Channel 7, Port 6 to Channel 6, and Port 5 to Channel 5.</p>
<p>SSD7580A</p>	 <p>The diagram shows a RAID controller card and an enclosure. The controller card has four ports labeled PORT 1, PORT 2, PORT 4, and PORT 3. The enclosure has two ports. Green arrows indicate the channel mapping: PORT 1 and PORT 2 to Channel 1/2, PORT 3 and PORT 4 to Channel 3/4, PORT 4 to Channel 7/8, and PORT 3 to Channel 5/6.</p>

SSD7580B

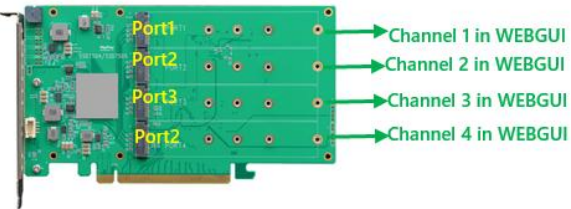
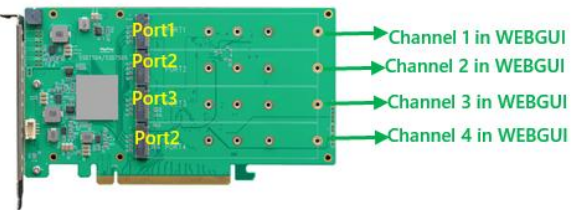


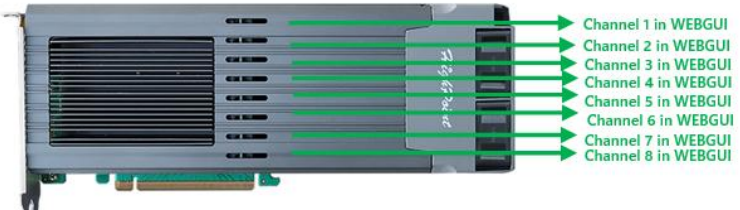






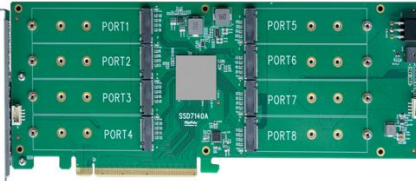
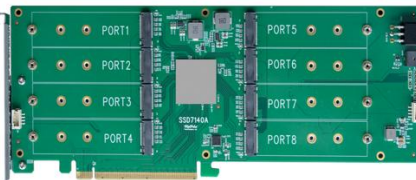

SSD7580C

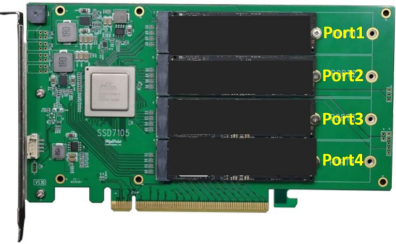




<p>SSD6540/6540M</p>	 <p>The top image shows a HighPoint RAID controller card with two SATA cables labeled 'a' and 'b'. The bottom image shows an RS RAID enclosure with four ports labeled Port4, Port3, Port2, and Port1. Green arrows point from each port to its corresponding channel in the WEBGUI: Port4 to Channel 4, Port3 to Channel 3, Port2 to Channel 2, and Port1 to Channel 1.</p>
<p>SSD6780A</p>	 <p>The top image shows a RAID controller card connected to a RAID enclosure. The bottom image shows a RAID enclosure with eight drive bays numbered 1 through 8 in green.</p>

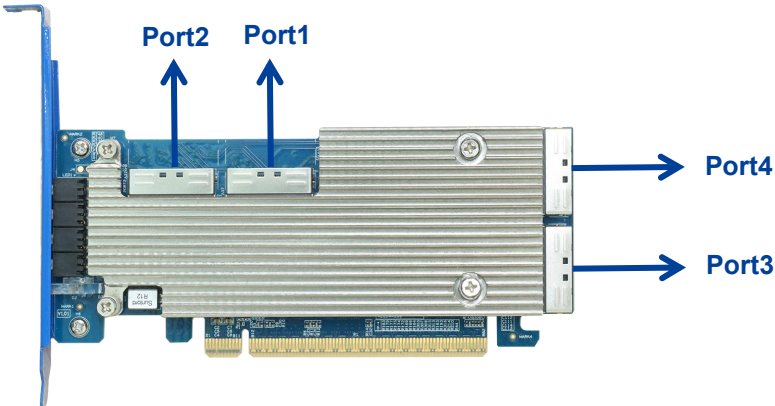
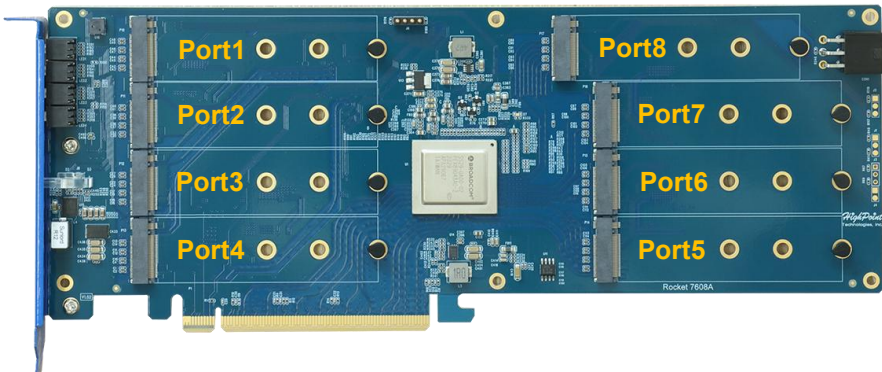
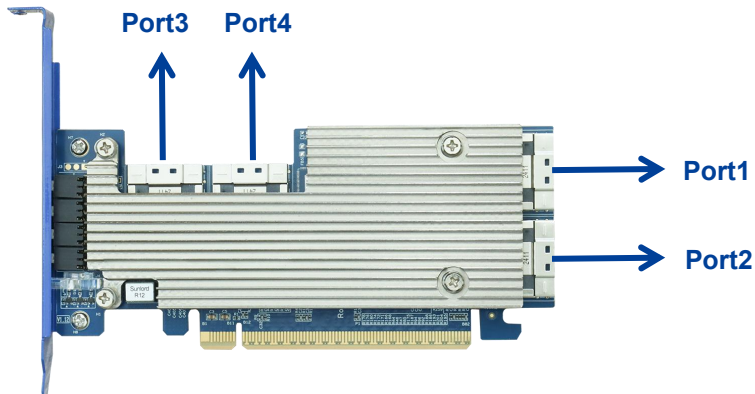
RocketAIC

<p>RocketAIC 7505HW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI</p>
<p>RocketAIC 7505HM Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI</p>
<p>RocketAIC 7540HW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7540HM Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7749EW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7749EM Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>

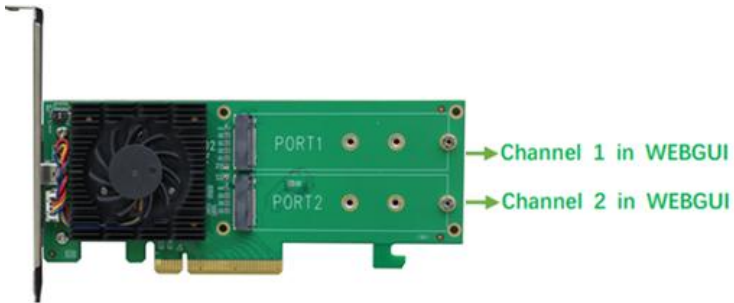
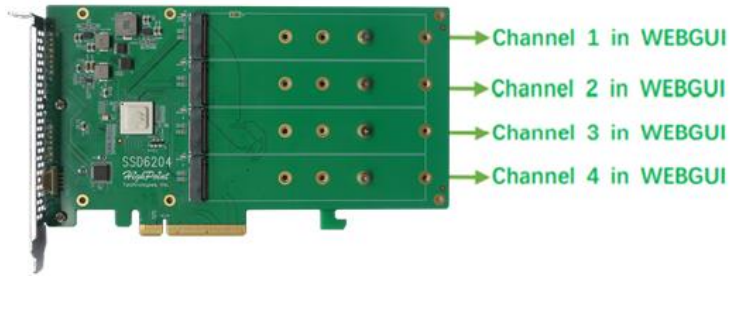
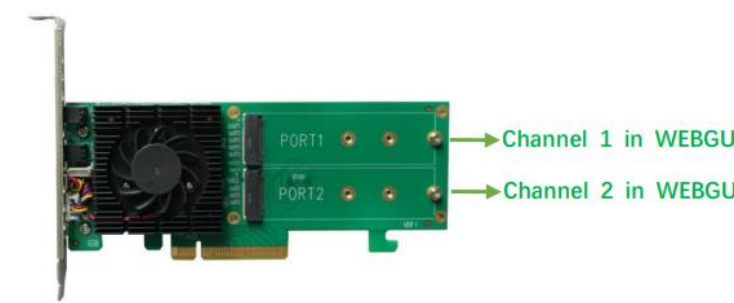
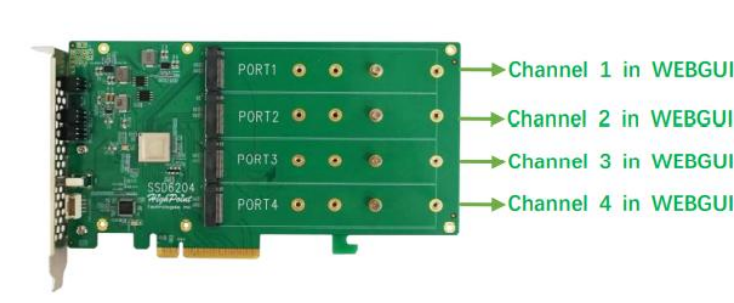
<p>RocketAIC 7749MW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7749MM Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7502HW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI</p>
<p>RocketAIC 7140AW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7140AM Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI Channel 5 in WEBGUI Channel 6 in WEBGUI Channel 7 in WEBGUI Channel 8 in WEBGUI</p>
<p>RocketAIC 7105HW Series</p>	 <p>Channel 1 in WEBGUI Channel 2 in WEBGUI Channel 3 in WEBGUI Channel 4 in WEBGUI</p>

<p>RocketAIC 7105HM Series</p>	 <p>→ Channel 1 in WEBGUI → Channel 2 in WEBGUI → Channel 3 in WEBGUI → Channel 4 in WEBGUI</p>
<p>RocketAIC 7202HM Series</p>	 <p>→ Channel 1 in WEBGUI → Channel 2 in WEBGUI</p>
<p>RocketAIC 7204HM Series</p>	 <p>→ Channel 1 in WEBGUI← → Channel 2 in WEBGUI← → Channel 3 in WEBGUI← → Channel 4 in WEBGUI←</p>

Rocket 1000

<p>Rocket 1628A</p>	 <p>Diagram of the Rocket 1628A RAID controller. The controller is shown from a side perspective. It features a blue PCB with a silver heat sink. Four ports are labeled with blue arrows: Port1 and Port2 are on the top edge, Port3 and Port4 are on the right edge.</p>
<p>Rocket 1608A</p>	 <p>Diagram of the Rocket 1608A RAID controller. The controller is shown from a top-down perspective. It features a blue PCB with a silver heat sink. Eight ports are labeled with yellow text: Port1, Port2, Port3, and Port4 are on the left edge; Port5, Port6, Port7, and Port8 are on the right edge.</p>
<p>Rocket 1528D</p>	 <p>Diagram of the Rocket 1528D RAID controller. The controller is shown from a side perspective. It features a blue PCB with a silver heat sink. Four ports are labeled with blue arrows: Port3 and Port4 are on the top edge, Port1 and Port2 are on the right edge.</p>

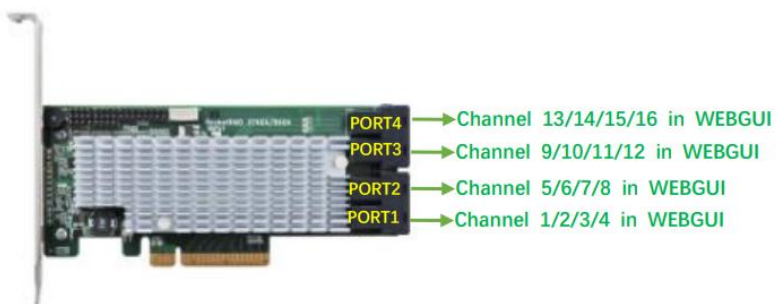
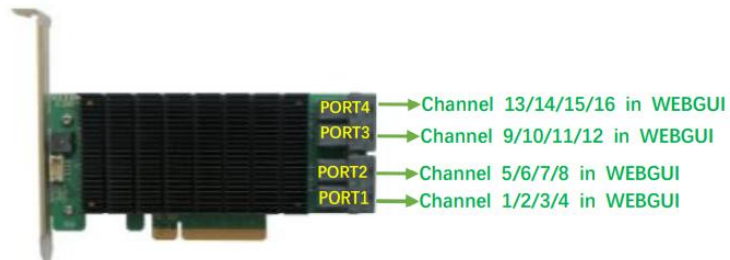
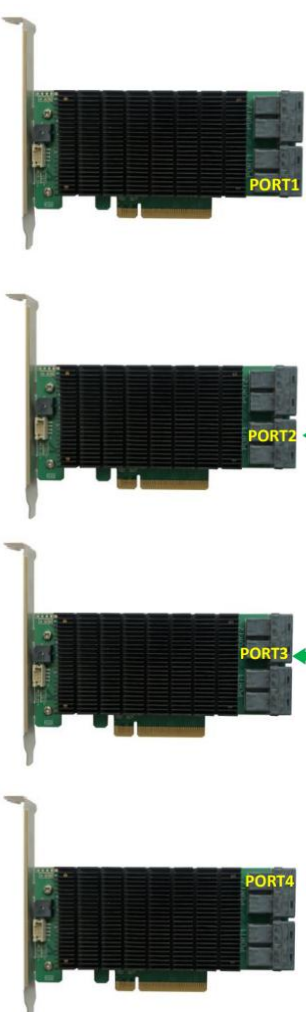
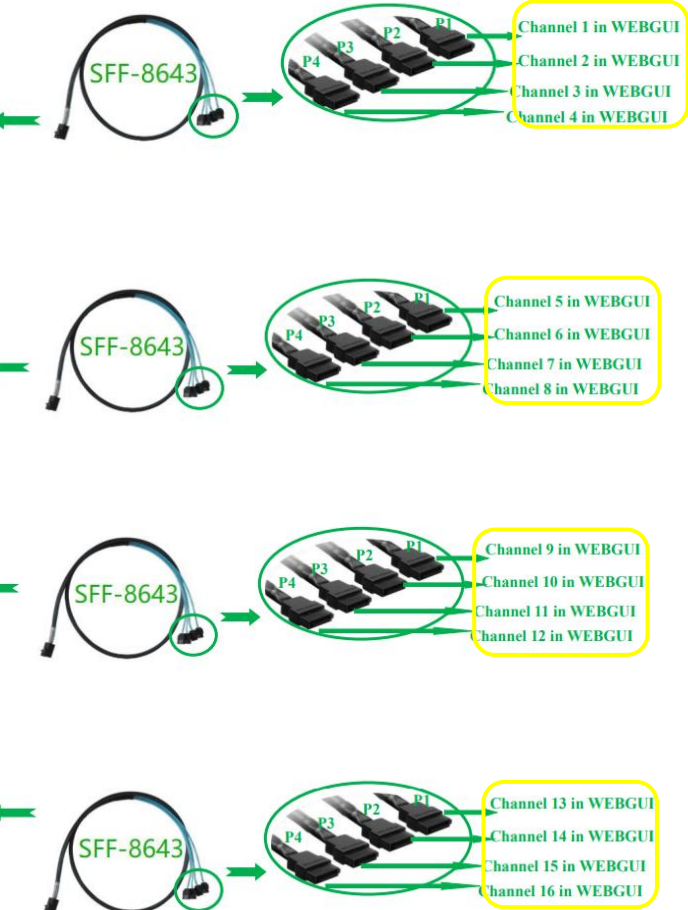
SSD6200

<p>SSD6202</p>	
<p>SSD6204</p>	
<p>SSD6202A</p>	
<p>SSD6204A</p>	

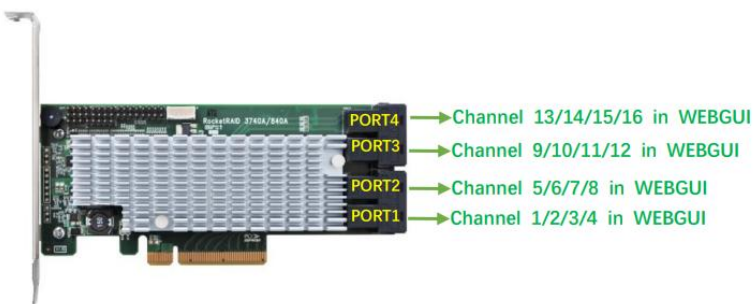
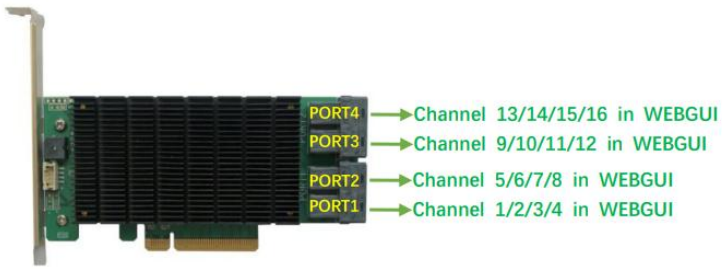
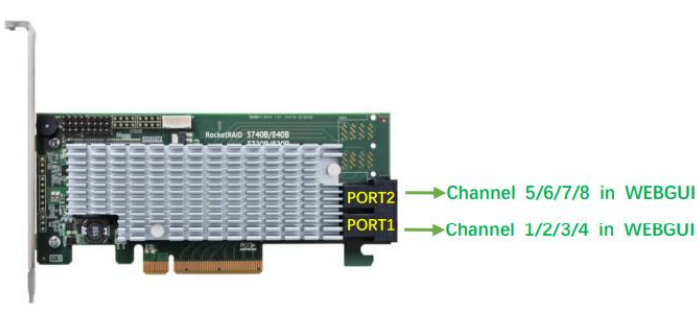
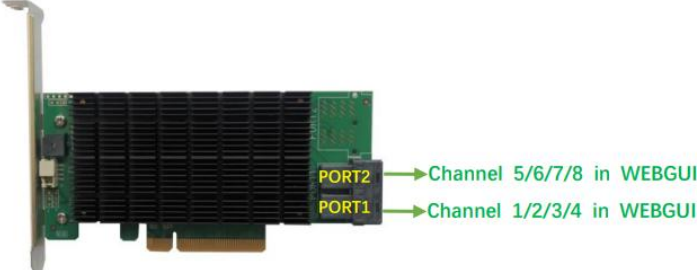
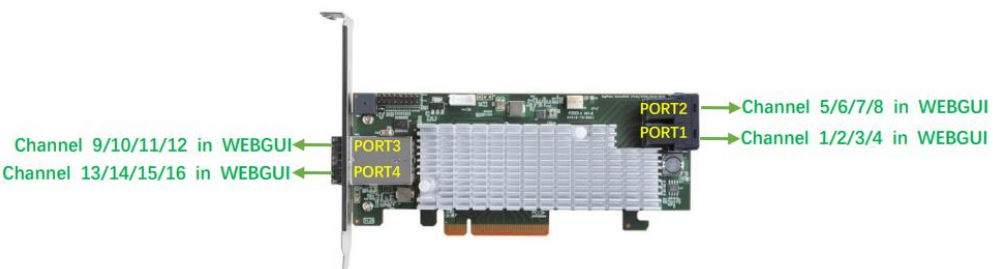
RR600

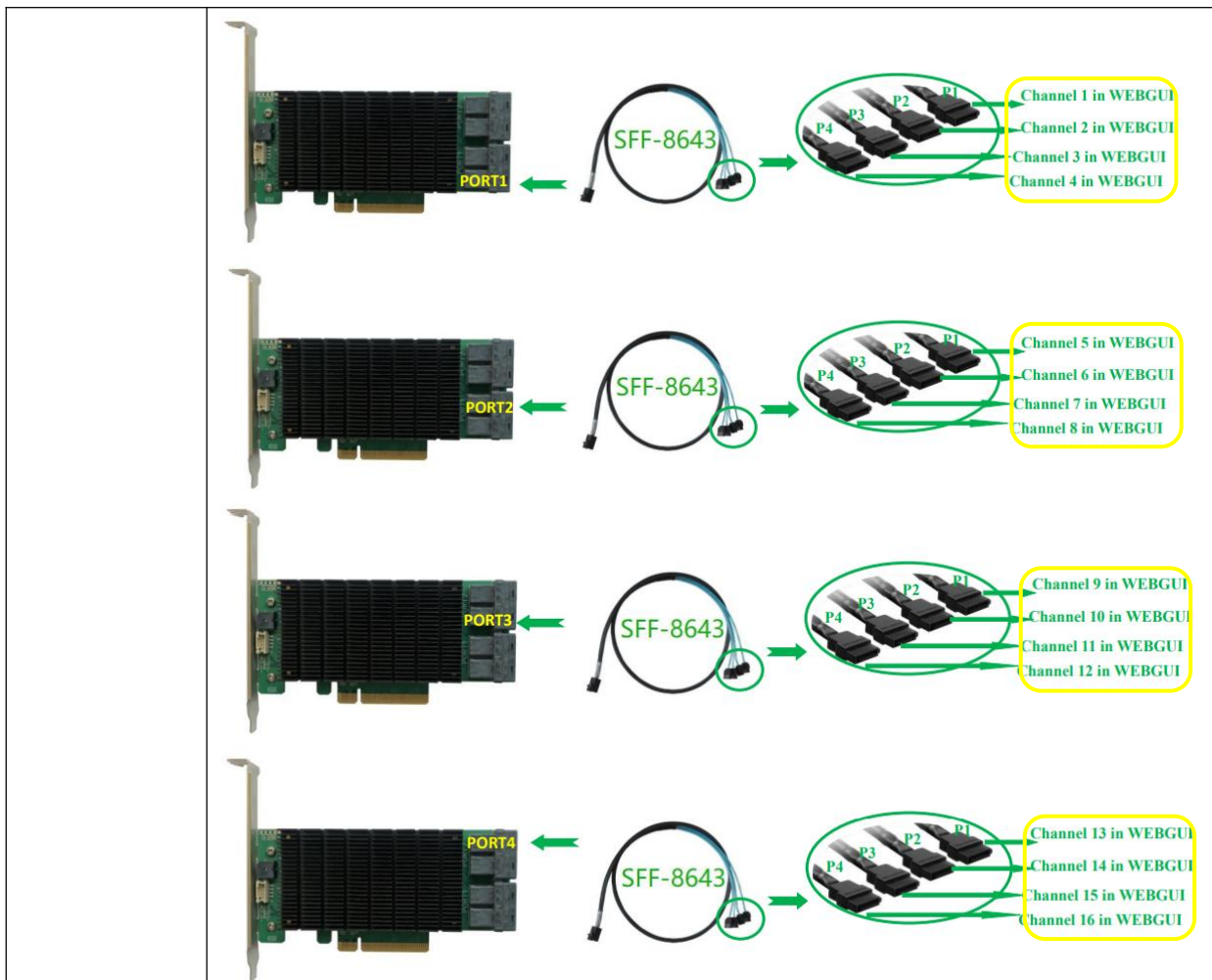
<p>RR620</p>	 <p>PORT2 → Channel 2 in WEBGUI PORT1 → Channel 1 in WEBGUI</p>
<p>RR620L</p>	 <p>→ Channel 2 in WEBGUI → Channel 1 in WEBGUI</p>
<p>RR642L</p>	 <p>Channel 2 in WEBGUI ← PORT2 Channel 1 in WEBGUI ← PORT1 PORT3 → Channel 3 in WEBGUI PORT4 → Channel 4 in WEBGUI</p>
<p>RR640L</p>	 <p>→ Channel 1 in WEBGUI → Channel 2 in WEBGUI PORT1 PORT2 → Channel 3 in WEBGUI PORT3 PORT4 → Channel 4 in WEBGUI</p>
<p>Cable</p>	

RR800

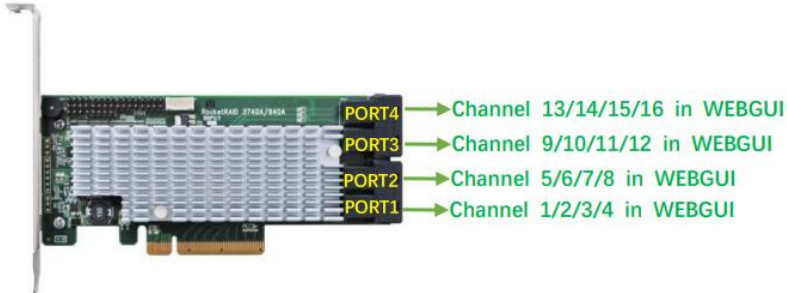
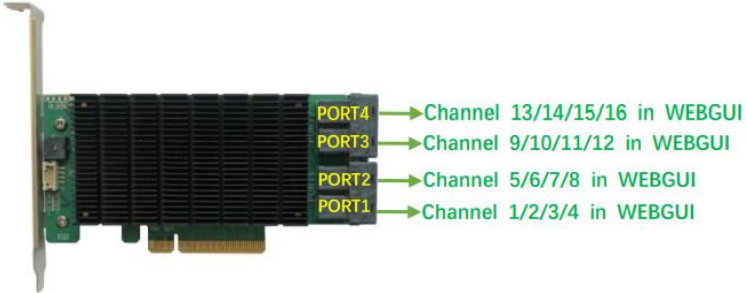
<p>RR840A</p>	 <p> PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>RR840C</p>	 <p> PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>Cable connection details, E.g RR840C</p>	
	 <p> PORT1: Channel 1 in WEBGUI, Channel 2 in WEBGUI, Channel 3 in WEBGUI, Channel 4 in WEBGUI </p> <p> PORT2: Channel 5 in WEBGUI, Channel 6 in WEBGUI, Channel 7 in WEBGUI, Channel 8 in WEBGUI </p> <p> PORT3: Channel 9 in WEBGUI, Channel 10 in WEBGUI, Channel 11 in WEBGUI, Channel 12 in WEBGUI </p> <p> PORT4: Channel 13 in WEBGUI, Channel 14 in WEBGUI, Channel 15 in WEBGUI, Channel 16 in WEBGUI </p>

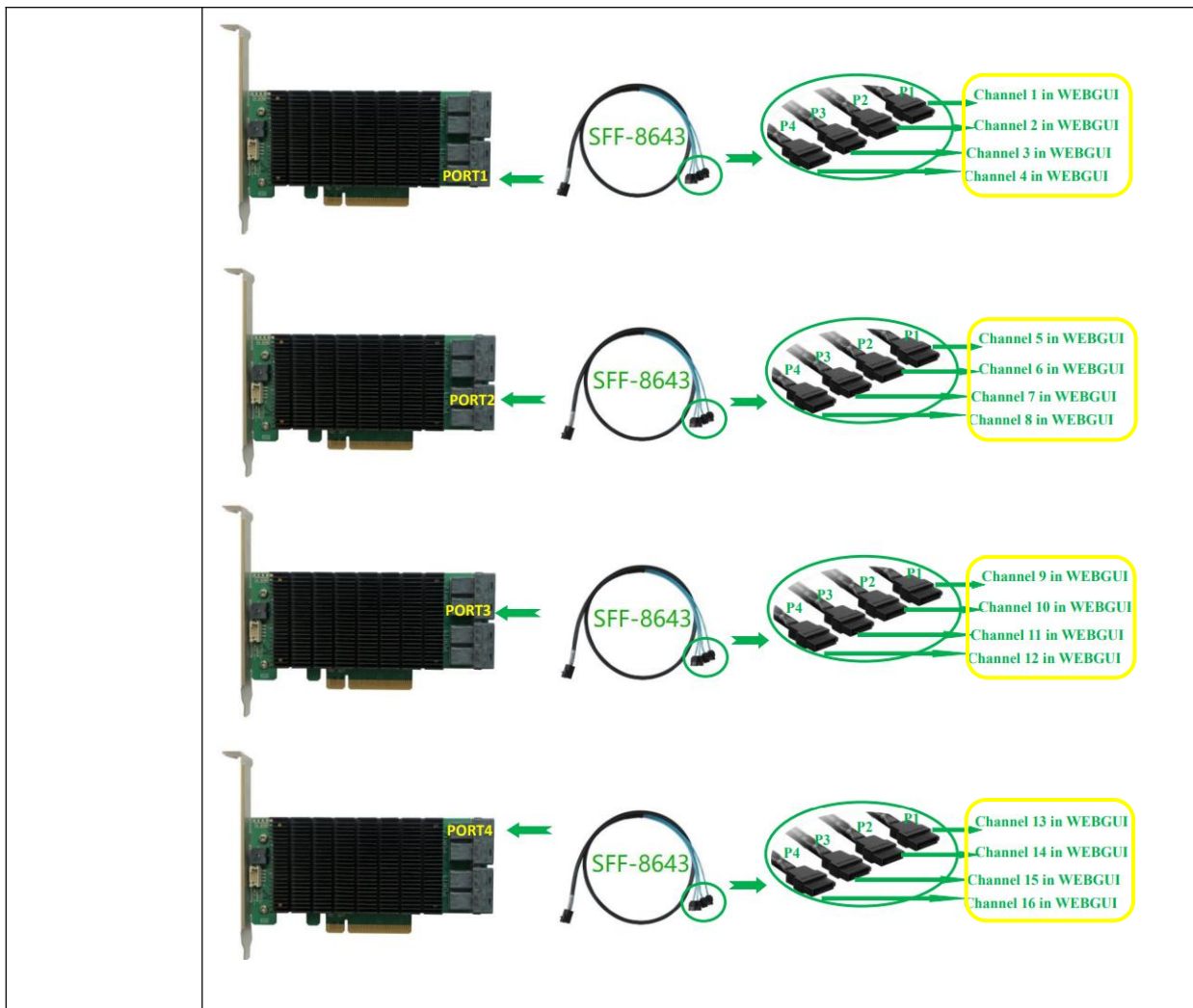
RR3700

<p>RR3740A</p>	 <p>PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI</p>
<p>RR3740C</p>	 <p>PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI</p>
<p>RR3720A</p>	 <p>PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI</p>
<p>RR3720C</p>	 <p>PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI</p>
<p>RR3742A</p>	 <p>PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI Channel 9/10/11/12 in WEBGUI ← PORT3 Channel 13/14/15/16 in WEBGUI ← PORT4</p>
<p>Cable connection details, E.g RR3740C</p>	

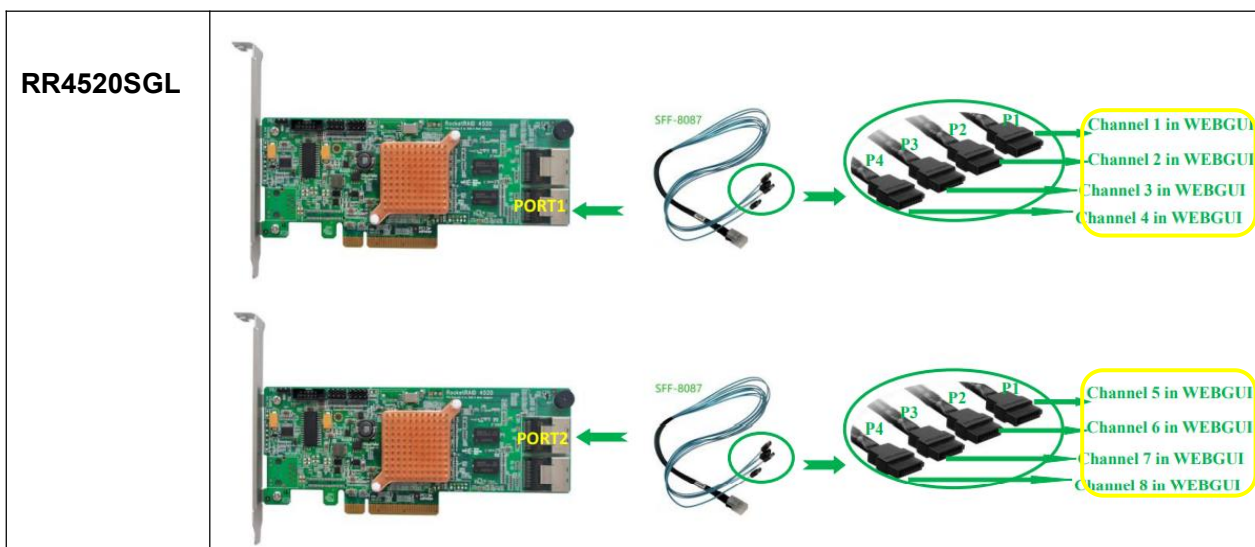


RR2800

<p>RR2840A</p>	 <p> PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>RR2840C</p>	 <p> PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>Cable connection details, E.g RR2840C</p>	



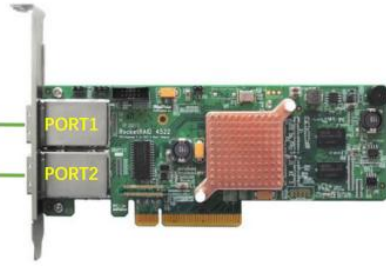
RR4500



RR4522SGL


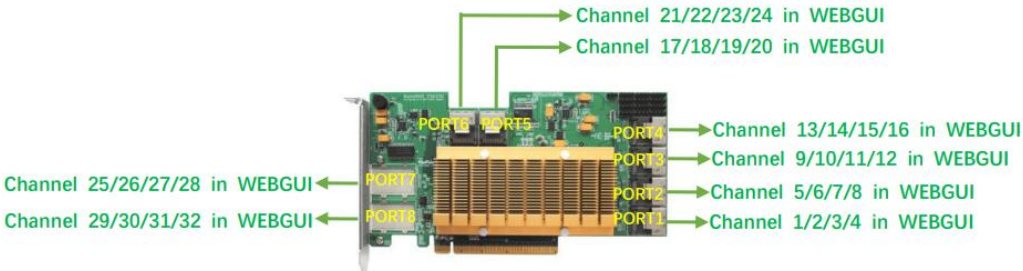

Channel 1/2/3/4 in WEBGUI ←

Channel 5/6/7/8 in WEBGUI ←



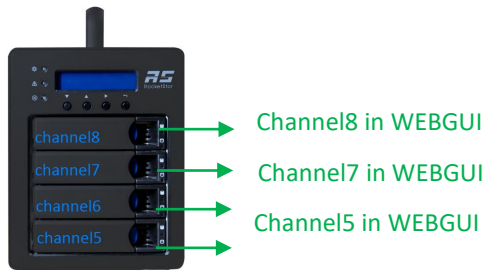


RR2700

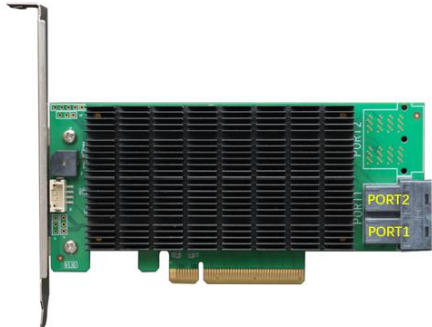
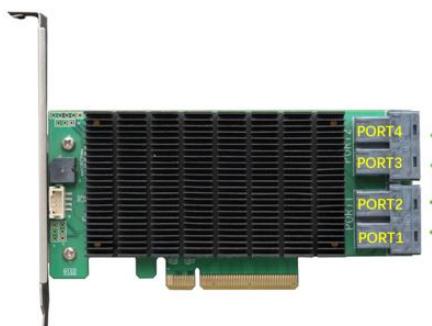
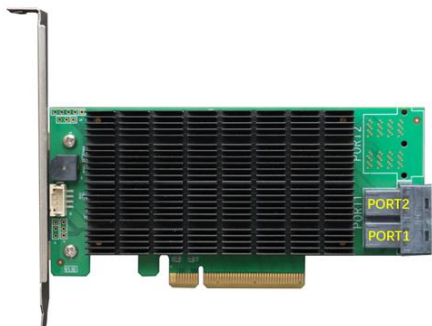
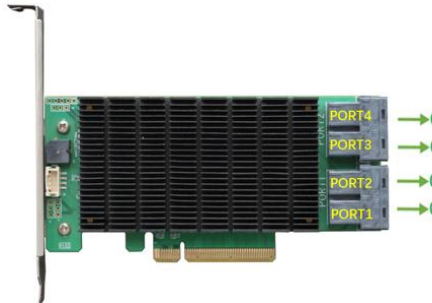
<p>RR2720A</p>	<p>Diagram illustrating the connection of the RR2720A RAID controller card to external ports. The card features two ports, PORT1 and PORT2. Each port is connected to a cable labeled SFF-8087. The connections are mapped to channels in the WEBGUI: PORT1 connects to Channels 1, 2, 3, and 4; PORT2 connects to Channels 5, 6, 7, and 8. The ports on the external device are labeled P1, P2, P3, and P4.</p>
<p>RR2721</p>	<p>Diagram illustrating the connection of the RR2721 RAID controller card to external ports. The card features two ports, PORT1 and PORT2. PORT1 is associated with Channel 1/2/3/4 in the WEBGUI, and PORT2 is associated with Channel 5/6/7/8 in the WEBGUI.</p>
<p>RR2722A</p>	<p>Photograph showing the RR2722A RAID controller card connected to an external enclosure. The enclosure has two ports labeled port1 and port2, and a vertical stack of channels labeled channel 1 through channel 8.</p>

<p>RR2711</p>	 <p>The image shows a black RAID controller enclosure on the left with a blue SATA-to-SAS adapter cable connected to a green RAID controller card. On the right is a vertical display panel with four yellow labels: Channel4, Channel3, Channel2, and Channel1.</p>
<p>RR2782</p>	 <p>The image shows a green RAID controller card with various ports and channel mappings. Green arrows point from text labels to specific ports on the card.</p> <ul style="list-style-type: none"> Channel 21/22/23/24 in WEBGUI (points to PORT5) Channel 17/18/19/20 in WEBGUI (points to PORT4) Channel 13/14/15/16 in WEBGUI (points to PORT4) Channel 9/10/11/12 in WEBGUI (points to PORT3) Channel 5/6/7/8 in WEBGUI (points to PORT2) Channel 1/2/3/4 in WEBGUI (points to PORT1) Channel 25/26/27/28 in WEBGUI (points to PORT7) Channel 29/30/31/32 in WEBGUI (points to PORT8)
<p>RR2744</p>	 <p>The image shows a green RAID controller card with four ports labeled PORT1 through PORT4. Green arrows point from text labels to these ports.</p> <ul style="list-style-type: none"> Channel 1/2/3/4 in WEBGUI (points to PORT1) Channel 5/6/7/8 in WEBGUI (points to PORT2) Channel 9/10/11/12 in WEBGUI (points to PORT3) Channel 13/14/15/16 in WEBGUI (points to PORT4)

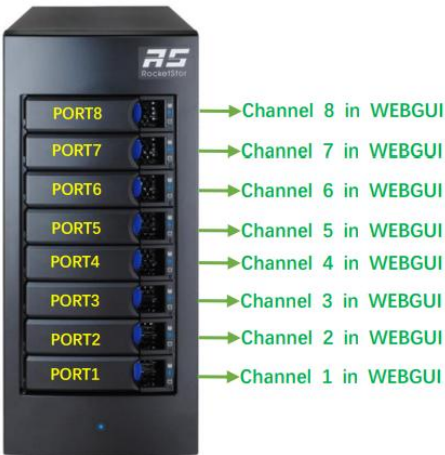



RS643xTS

<p>RS6438TS</p>	 <p>channel8 → Channel8 in WEBGUI channel7 → Channel7 in WEBGUI channel6 → Channel6 in WEBGUI channel5 → Channel5 in WEBGUI channel4 → Channel4 in WEBGUI channel3 → Channel3 in WEBGUI channel2 → Channel2 in WEBGUI channel1 → Channel1 in WEBGUI</p>
<p>RS6434TS</p>	 <p>channel4 → Channel4 in WEBGUI channel3 → Channel3 in WEBGUI channel2 → Channel2 in WEBGUI channel1 → Channel1 in WEBGUI</p> <p>Connect to port a of RR3742A(Channel1/2/3/4), Connect to port b of RR3742A(Channel5/6/7/8):</p>  <p>channel8 → Channel8 in WEBGUI channel7 → Channel7 in WEBGUI channel6 → Channel6 in WEBGUI channel5 → Channel5 in WEBGUI</p>

Rocket

<p>Rocket 710</p>	 <p> PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>Rocket 720</p>	 <p> PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>Rocket 710L</p>	 <p> PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>
<p>Rocket 720L</p>	 <p> PORT4 → Channel 13/14/15/16 in WEBGUI PORT3 → Channel 9/10/11/12 in WEBGUI PORT2 → Channel 5/6/7/8 in WEBGUI PORT1 → Channel 1/2/3/4 in WEBGUI </p>

Thunderbolt™ 3

<p>RS6628A</p>	 <p>PORT8 → Channel 8 in WEBGUI PORT7 → Channel 7 in WEBGUI PORT6 → Channel 6 in WEBGUI PORT5 → Channel 5 in WEBGUI PORT4 → Channel 4 in WEBGUI PORT3 → Channel 3 in WEBGUI PORT2 → Channel 2 in WEBGUI PORT1 → Channel 1 in WEBGUI</p>
<p>RS6674T</p>	 <p>Channel4 Channel8 Channel12 Channel16 Channel3 Channel7 Channel11 Channel15 Channel2 Channel6 Channel10 Channel14 Channel1 Channel5 Channel9 Channel13</p>
<p>RS6614V</p>	 <p>channel4 → Channel4 in WEBGUI channel3 → Channel3 in WEBGUI channel2 → Channel2 in WEBGUI channel1 → Channel1 in WEBGUI</p>
<p>RS6618V</p>	 <p>channel8 → Channel8 in WEBGUI channel7 → Channel7 in WEBGUI channel6 → Channel6 in WEBGUI channel5 → Channel5 in WEBGUI channel4 → Channel4 in WEBGUI channel3 → Channel3 in WEBGUI channel2 → Channel2 in WEBGUI channel1 → Channel1 in WEBGUI</p>

USB

RS6124V	 <p>Port4 → Channel 4 in WEBGUI Port3 → Channel 3 in WEBGUI Port2 → Channel 2 in WEBGUI Port1 → Channel 1 in WEBGUI</p>
RS6114V	 <p>Port4 → Channel 4 in WEBGUI Port3 → Channel 3 in WEBGUI Port2 → Channel 2 in WEBGUI Port1 → Channel 1 in WEBGUI</p>