



# VIGOR EDS

## MAXIMUM PERFORMANCE AND STORAGE IN TOUGH ENVIRONMENTS

Vigor EDS, with single, dual or triple display, is an ideal platform for use cases that require a rugged (ROTS- rugged enough off the shelf) deployable data analytics appliance.

- Field simulation/visualization
- Incident response
- Endpoint data auditing
- Real-time signal recording
- Deployable virtualization
- Server applications
- Packet capture
- Big data analytics
- Seismic analysis
- General test/measurement

Select your preferred combination of features to optimize your particular workflow. The modular, scalable Vigor EDS can be outfitted with the latest Intel or AMD multi-core processors, high-capacity/performance memory, full-length PCI Express cards, and up to (16) removable enterprise-class SSD, SAS, or SATA drives.

With services from NextComputing, you can let us integrate the Vigor EDS into your workflow or toolset offerings so you can focus on what you do best. Ask a NextComputing Sales Engineer how we can build, brand, validate, and maintain the perfect appliance for you and your customers.

Rugged design for demanding mission critical applications in any environment

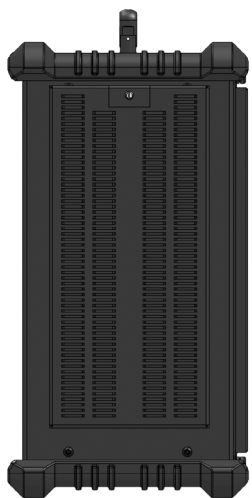
Up to 16 easy-access removable hard drives

Up to 7 combined full-length PCI Express slots

Integrated 17.3" HD LCD, with optional swing-out displays

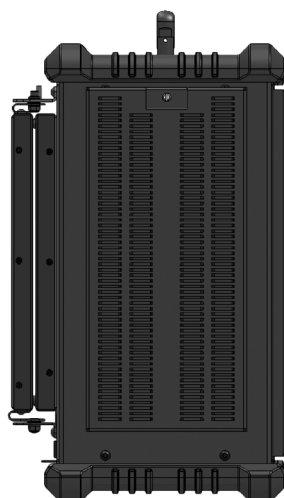
<b>Display</b>	Integrated 17.3" (439.42 mm) HD LED LCD (1920x1080) with scratch-resistant glass and optional resistive touchscreen
<b>Available CPUs</b>	<ul style="list-style-type: none"> <li>• Single Intel Core, Intel Xeon, AMD Ryzen, or AMD EPYC processor</li> <li>• Single or dual Intel Xeon processors</li> </ul>
<b>Memory</b>	Up to 1TB DDR4 2133MHz RAM
<b>PCI Expansion</b>	Up to (7) full-length PCI Express slots
<b>Storage</b>	<ul style="list-style-type: none"> <li>• OS/application SSD for fast boot and load</li> <li>• Optional upgrades for up to 16 more drives, up to 4TB each</li> </ul>
<b>RAID</b>	Optional onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller. Our specialty includes optimization for sustained write, video switching ISO recording, and data recording.
<b>Operating Systems</b>	<ul style="list-style-type: none"> <li>• Windows 10 64 Bit Pro, Windows Server</li> <li>• CentOS, Red Hat and other Linux distributions</li> <li>• VMWare vSphere</li> </ul>
<b>Power Options</b>	<ul style="list-style-type: none"> <li>• 680W Gold Plus acoustically quiet PSU</li> <li>• Optional internal 460W/24V DC nominal (19V-36V DC range) power supply</li> </ul>
<b>Minimized acoustics noise</b>	Acoustically quiet system/PSU fans. Can be tuned to your application specific solution to minimize acoustics noise but support the ambient temperature range of your requirement within our general temperature range specification. Performance-acoustics-thermally stability balancing is our specialty.
<b>Environmental</b>	<p>Based on typical configurations. Custom configuration results may vary:</p> <ul style="list-style-type: none"> <li>• Inner chassis shock mounted within an outer steel chassis with external corner rubber bumpers and ease of access for service and removability of hard drives</li> <li>• Operating: 0°C–40°C / 32°F–104°F. Non-Operating: -20°C–70°C, -4°F–158°F.</li> <li>• Relative humidity (5-95%) non-condensing</li> <li>• Shock: Mechanical shock: ≤10g, 11ms, Terminal sawtooth, operating; Transit shock: 18" drop</li> <li>• Vibration: ≤0.04g2/Hz, 20Hz–1,000Hz; -6dB/octave 1,000Hz–2,000Hz</li> </ul>
<b>Regulations</b>	FCC Class A, and CE. Certified TUV, ROHS
<b>Physical</b>	<ul style="list-style-type: none"> <li>• 8.67" (220.22mm) D x 19.18" (487.17mm) W x 16.55" (420.37mm) H</li> <li>• Weight: ~ 48lbs. (21.77kg), depending on configuration</li> </ul>
<b>Optional Carrying Cases</b>	<ul style="list-style-type: none"> <li>• Soft carrying case</li> <li>• Mil-Spec transport hard case with telescoping handle and wheels (TSA compliant) with CNC milled foam with specific density material for shock/vibration, pressure sealed, lockable</li> <li>• Lunch box size hard case for secure storage of up to (16) removable SSD/carrier assemblies with removable inner insert for security tape wrapping, lockable</li> </ul>
<b>Warranty</b>	1 year parts and labor. 2nd and 3rd year warranty options

Single display



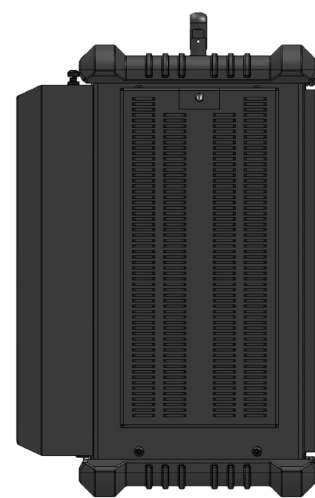
8.67" (22.02 cm)

Multi display folded



1 additional display - 9.87" (25.07 cm)  
2 additional displays - 10.75" (27.31 cm)

Multi display with protective cover



11.0" (27.94 cm)

1 additional display - 34.06" (86.51 cm)

2 additional displays - 48.94" (124.31 cm)



\* Screens opened at standard 160° viewing angle