



# VIGOR EDS

## Maximum Performance and Storage In Tough Environments

Graphics- or processing-intensive applications like geospatial imagery analysis, UAV ground control, or HD digital video processing require very powerful computer hardware.

However, for mobile deployments where size, weight, power, and cooling (SWaP-C) are a concern, typical rackmount servers are just too large, heavy and power consuming.

The Vigor series is the perfect solution to overcome these problems.

Compact, rugged Vigor systems are designed to handle the same demanding tasks normally assigned to full-sized systems. Now you can replace larger rackmount hardware with an all-in-one workstation that is easier to transport and set up.

The modular, scalable Vigor EDS can be outfitted with the latest Intel multi-core processors, high-capacity/performance memory, full-size PCI Express 3.0 cards, and up to (16) removable enterprise-class SSD, SAS, or SATA drives.



Rugged design for demanding mission critical applications in any environment

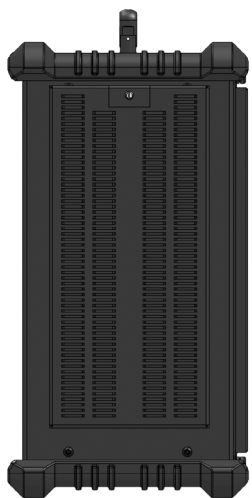
Up to 16 easy-access removable hard drives with RAID

Up to 7 combined full-length PCI Express slots

Integrated 17.3" (43.94 cm) HD LCD, with optional swing-out displays

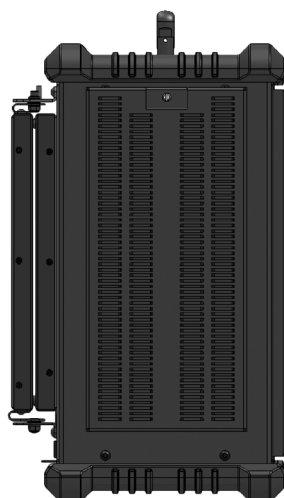
<b>Available CPUs</b>	Single or dual Intel® Xeon E5, single Intel Xeon W, Intel® Core™ i7, or Intel Core X-series
<b>Memory</b>	Up to 256GB DDR4 2133MHz RAM
<b>PCI Expansion</b>	Up to (7) full-length PCI Express 3.0 slots
<b>Storage</b>	Up to (16) no-tools removable drives; SATA, SAS, or Solid State Drives plus up to (2) fixed internal hard drives
<b>Available Drive Capacities / Features</b>	<ul style="list-style-type: none"> <li>• SATA up to 2TB each</li> <li>• SAS up to 2TB each (or 10K RPM up to 1.8TB each)</li> <li>• Solid State Drives up to 4TB each</li> <li>• Encryption options available</li> </ul>
<b>RAID</b>	Onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller
<b>Optical Drive</b>	Internal DVD±RW or Blu-Ray RW
<b>Display</b>	<ul style="list-style-type: none"> <li>• Integrated 17.3" (43.94 cm) LED LCD with up to 2 additional swing-out displays (1920x1080 each)</li> <li>• Optional capacitive touchscreen (center display only)</li> <li>• Support for external displays</li> </ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"> <li>• Windows 2012 and 2016 server, Windows 7 Pro/Ultimate, Windows 8.1 Pro/Ultimate, and Windows 10 Pro</li> <li>• CentOS, Red Hat and other Linux distributions</li> <li>• VMware vSphere Hypervisor (ESXi) and other virtualization environments</li> </ul>
<b>Power</b>	680W Gold Plus acoustically quiet PSU
<b>Environmental</b>	<p>Based on typical configurations. Custom configuration results may vary:</p> <ul style="list-style-type: none"> <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: ≤0.04g<sup>2</sup>/Hz, 20Hz–1,000Hz; -6dB/octave 1,000Hz–2,000Hz</li> </ul>
<b>Filtration</b>	Optional dust filter kits are available. Filtration material features cable exits for system operation while the filters are attached
<b>Regulations</b>	FCC Class A, and CE. Certified TUV
<b>Physical</b>	<ul style="list-style-type: none"> <li>• 8.67" (22.02 cm) D x 19.18" (48.72 cm) W x 16.55" (42.04 cm) H</li> <li>• Weight: ~ 48lbs. (21.77kg), depending on configuration</li> </ul>
<b>Carrying Cases</b>	Optional padded carrying cases or rugged rolling transit cases available

Single display



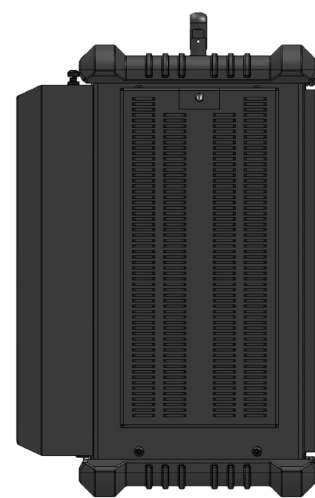
8.67" (22.02 cm)

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