



## EDGE T100

# IMPOSSIBLY SMALL WORKSTATION FOR CREATIVE PROFESSIONALS

Edge by NextComputing is a unique, high performance computer line for content creation, VR, and CAD professionals.

The Edge T100 packs a powerful creative workstation into a briefcase-size system designed for demanding professional applications. It delivers maximum throughput performance by incorporating workstation-class components like high-end graphics cards and massive storage.

It features powerful processors from Intel with high CPU core count for 3D rendering of images and animations, encoding videos, and Elastic/Kibana data visualization use cases and fast CPU clock speeds for 3D modeling use cases.

Edge systems are designed for the most discriminating creative professionals, wrapped up in a sleek and impossibly small package so your creative tools stand out as much as your designs.

### THE CREATIVE EDGE

- Compact portable system with desktop workstation performance
- Sleek, mobile design for making an impression at demos, tradeshows, and while travelling

### HIGH PERFORMANCE

- Intel Xeon or Intel Core processors
- Available with full size professional GPUs
- Range of internal storage options including PCI Express card based SSDs and SATA based SSDs for increased I/O performance

<b>Available CPUs</b>	<p>The following processors utilize silent liquid cooling:</p> <ul style="list-style-type: none"> <li>• Single Intel® Core™ X Series (“Skylake X”) i7 7820X, i9 7900X, i9 7920X</li> <li>• Single 9th or 8th Generation Intel® Core™ Processor</li> <li>• Single Intel® Xeon W-2145 8-cores (16 threads)</li> </ul> <p>The following processors utilize air cooling:</p> <ul style="list-style-type: none"> <li>• Single processor Intel Xeon Gold 6144 to Platinum 8180 processors from 8-cores (16 threads) to 24 Cores (48 Threads) per processor</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>• With Intel Core X Series and Core i9: Up to 128GB</li> <li>• With 8th Gen Intel Core i7: Up to 64GB</li> <li>• With Intel Xeon W series: Up to 512GB</li> </ul>
<b>Motherboards</b>	<ul style="list-style-type: none"> <li>• Intel X299 (ATX)</li> <li>• Intel Z370 (ATX)</li> <li>• Intel C422 (CEB)</li> </ul>
<b>PCI Expansion</b>	<ul style="list-style-type: none"> <li>• Up to (5) full-length PCI Express 3.0 slots</li> <li>• Intel Xeon-based motherboards only: Up to (7) PCI Express 3.0 slots</li> </ul>
<b>GPUs</b>	<ul style="list-style-type: none"> <li>• Single-width or dual-width PNY NVIDIA GeForce or Quadro GPU card options available</li> <li>• Multi GPU card configuration options available</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• (1) M.2 PCIe Gen3 NVMe OS/application SSD for fast boot and load, up to 7.68TB</li> <li>• Upgrade Options (Motherboard dependent. Ask a NextComputing Sales Engineer):             <ul style="list-style-type: none"> <li>» Up to (2) additional M.2 SSDs up to 7.68TB each</li> <li>» Up to (2) no-tools removable 2.5” 9.5mm SSDs up to 7.68TB each -or- up to (2) fixed 2.5” Solid State Drives up to 7.68TB each</li> <li>» With optional 680W PSU: Up to (3) fixed 3.5” SATA/SAS hard drives, up to 16TB each (restricts PCI Express cards to half length only)</li> </ul> </li> </ul>
<b>RAID</b>	<p>Options for onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller. Ask a NextComputing Sales Engineer.</p>
<b>Operating Systems</b>	<ul style="list-style-type: none"> <li>• Windows 10 64 Bit Pro</li> <li>• Additional OSs available: Windows 2018 Server, CentOS 7.7, Red Hat 7.7 and other Linux distributions, VMWare vSphere 6.7 and 7</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• 650W SFX 80 PLUS Gold certified fully modular power supply; 90- 264V, 47-63Hz auto-switching</li> </ul> <p>Additional upgrades available:</p> <ul style="list-style-type: none"> <li>• 800W SFX 110/220V, 50/60Hz auto-switching 80 PLUS rated power supply PSU – Cards in PCI Express slots are limited to 9” in length</li> <li>• 680W 1U 110/220V, 50/60Hz auto-switching 80 PLUS rated power supply PSU – required for upgrade to 3.5” drives, which restricts PCI Express cards to half length only</li> </ul>
<b>Physical</b>	<p>6.67” (169.41mm) D x 16.75” (425.45mm) W x 13.69” (347.73mm) H</p>
<b>Carrying Cases</b>	<ul style="list-style-type: none"> <li>• Includes soft carrying case</li> <li>• Optional hardened cases and rolling transit cases available</li> </ul>
<b>Warranty</b>	<p>3 years parts and labor</p>

