

## AMD FirePro™ W9100 Product Information Sheet

<b>Product Name</b>	AMD FirePro™ W9100		
<b>Product Class</b>	Ultra High-End Professional Graphics / Workstation		
<b>AMD 100-xxx Part Number</b>	100-505725	<b>AMD 102-xxx Part Number</b>	102-C67601-00
<b>Sapphire Sku OPN</b>	31004-45-40A		
<b>Estimate MSRP</b>	TBD	<b>Planned EOL</b>	April 2017
<b>Memory Size &amp; Type</b>	16 GB GDDR5	<b>Memory Bandwidth</b>	512-bit interface 320GB/s
<b>Number of Compute Units</b>	44 CUs, 2816 Stream Processor		
<b>Compute Power (TFLOPS, Theoretical Max)</b>	5.237 TFLOPS Single Precision 2.619 TFLOPS Double Precision		
<b>Engine Clock</b>	930 MHz		
<b>Cooling</b>	Discreet active fansink	<b>Form Factor</b>	FH/FL (11" x 4.376") Dual Slot
<b>Max Resolution</b>	4096 x 2160	<b>Max Power Consumption</b>	275 W
<b>Display Outputs</b>	<ul style="list-style-type: none"> <li>- 6 x mDP outputs supporting Display Port 1.2</li> <li>- 1 x VESA 3-pin Stereo Sync Connector</li> <li>- 1 x Framelock/Genlock Synchronization Connector</li> </ul>		
<b>Bus Interface</b>	PCIe x16 Gen 3.0		
<b>API Support</b>	<ul style="list-style-type: none"> <li>- OpenGL 4.3</li> <li>- Microsoft DirectX 11.1</li> <li>- OpenCL 1.2</li> <li>- OpenCL 2.0 Support</li> </ul>		
<b>Retail Package Contents</b>	<ul style="list-style-type: none"> <li>- AMD FirePro™ W9100 Professional Graphics</li> <li>- Dual Extender Brackets</li> <li>- 2 x Mini DisplayPort to Single-Link DVI (Active)</li> <li>- Installation Driver CD</li> <li>- Sapphire Mini Brochure</li> <li>- Quick Installation Guide</li> </ul>		
<b>Operating Systems Supported</b>	32-bit and 64-bit for Microsoft Windows 7, Windows 8, Windows 8.1 and Linux		
<b>Application Optimizations / Certifications</b>	All major Workstation applications supported for performance tuning and certification		

<b>System Requirements</b>	<ul style="list-style-type: none"> <li>- PCI® Express x16 (Dual Slot)</li> <li>- 750 watt or better PSU with 8-pin and 6-pin power connectors</li> <li>- 16 GB of system memory to take advantage or 16 GB Frame Buffer</li> <li>- Internet connection for driver download and installation</li> <li>- 32-bit and 64-bit for Microsoft Windows 7, Windows 8, Windows 8.1 and Linux</li> </ul>
<b>Regulatory Compliance</b>	FCC, CE, C-Tick, BSMI, KCC, UL, VCCI, RoHS, WEEE
<b>Anticipated performance (Tell what the performance delta is from the previous generation and where it sits in relation to the products within new series)</b>	<p>This product is the highest performance graphics card in the market targeted at high-end engineering, and M&amp;E workflows that rely on OpenCL to deliver best-in-class computer performance increasing overall productivity of professional users</p> <p>The AMD FirePro™ W9100 offers 20% or greater performance in most benchmarks vs. the previous generation products</p>
<b>Key Features</b>	<ul style="list-style-type: none"> <li>- GCN Architecture</li> <li>- Display Port 1.2</li> <li>- Microsoft DirectX 11.1</li> <li>- OpenGL 4.3</li> <li>- OpenCL 1.2 (Supports OpenCL 2.0, conformance testing will when driver is available in Q3 timeframe)</li> <li>- ISV Certification</li> <li>- DOPP</li> <li>- SDI/DirectGMA</li> <li>- Framelock / Genlock</li> <li>- 3D Stereo</li> <li>- 10-bit</li> <li>- Overlap</li> </ul>
<b>Target Audience</b>	Ultra High-end Workstation Users
<b>Target Market</b>	<ul style="list-style-type: none"> <li>- Media and Entertainment</li> <li>- Engineering (CAE / CAM)</li> <li>- High-end Display Walls</li> </ul>
<b>Competitive Landscape</b>	Position above NVIDIA Quadro K6000 and Quadro K5000
<b>Transition Plan (From previous generation, if applicable)</b>	Replaces AMD FirePro™ W9000 which may goes EOL around August 2015

