

# SAPPHIRE GPRO E-Series Family Sheet

Communications Infrastructure

Industrial Control & Automation

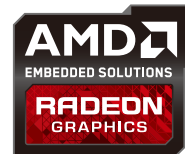
Imaging: Medical and Print

Digital Signage & Retail

Aerospace & Defense

Digital Gaming





## SAPPHIRE GPRO E-Series Product Information

Product Name	GPRO E9260	GPRO E8870	RADEON E8860	GPRO E6465
GPU	Powered by AMD Embedded Radeon E9260	Powered by AMD Embedded Radeon E8870	Powered by AMD Embedded Radeon E8860	Powered by AMD Embedded Radeon E6465
Bus Interface	PCI Express 3.0 x8 Physical Card Interface : X16	PCI Express 3.0 x16	PCI Express 3.0 x16	PCI Express 2.1 x16
Memory Size (Byte)	8GB GDDR5	4GB GDDR5	2GB GDDR5	2GB GDDR5
Memory Bus Width (bit)	128-bit	128-bit	128-bit	64-bit
Single Precision (GFLOPs)	2.5 TFLOPS	1.5 TFLOPS	768 GFLOPS	192 GFLOPS
Full 30-bit Display Pipeline	Yes	Yes	No	No
DirectGMA	Yes	Yes	No	No
AMD Eyefinity Technology 2.0	Yes	Yes	Yes	Yes
Bezel Compensation Support	Yes	Yes	Yes	Yes
AMD Driver Autodetect	Yes	Yes	Yes	Yes
Screw Secure Lock	No	Yes	No	No
Display Outputs	4 x DisplayPort (1.3)	6 x Mini DP (1.2)	4 x Mini DP (1.2)	4 x Mini DP
Number of Max. Display Resolution & Refresh Rate	Up to 2 x 5K @60Hz 4 x 4K @60Hz	Up to 6 x 4K @60Hz	Up to 4 x 4K @30Hz 1 x 4K @60Hz	4 x 4K @30Hz
DisplayPort Resolution Max.	5120x2880 @60Hz	4096x2160 @60Hz	4096x2160 @60Hz	4096x2160 @30Hz
Dual-Link DVI Resolution Max.	2560x1600 @60Hz	2560x1600 @60Hz	2560x1600 @60Hz	2560x1600 @60Hz
Single-Link DVI Resolution Max.	1920x1200 @60Hz	1920x1200 @60Hz	1920x1200 @60Hz	1920x1200 @60Hz
DirectX®	12.0	12.0	11.1	11.1
OpenGL®	4.5	4.4	4.2	4.1
OpenCL™	2.0	2.0	1.2	1.1
Shader Model	5.0	5.0	5.0	5.0
Form Factor	ATX (FH/HL)	ATX (FH/HL)	Low Profile (HH/HL)	Low Profile (HH/HL)
Power Consumption Max. (W)	< 80 W	< 80 W	< 40 W	< 30 W
Thermal Solution	Active (2 ball bearing)	Active (2 ball bearing)	Active	Passive
Features	<ul style="list-style-type: none"> <li>•AMD PowerTune</li> <li>•AMD ZeroCore Power Technology</li> <li>•FreeSync Technology</li> <li>•Quad 4K Display (8K*4K Support)</li> <li>•Quad HD Display (4K*2K Support)</li> <li>•Bezel Compensation</li> <li>•AMD EDID Management</li> <li>•AMD Custom Timing</li> <li>•AMD LiquidVR™ Technology</li> <li>•Video Codec Engine (VCE)</li> <li>•HEVC (H.265) Video Encoding/Decode (UVD) Acceleration Technology</li> <li>•Flexible Output Configurations</li> </ul>	<ul style="list-style-type: none"> <li>•AMD PowerTune</li> <li>•Quad 4K Display (8K*4K Support)</li> <li>•Quad HD Display (4K*2K Support)</li> <li>•Bezel Compensation</li> <li>•Video Codec Engine (VCE)</li> <li>•Unified Video Decoder (UVD)</li> <li>•6 outputs with Low Power Design</li> <li>•Flexible Output Configurations</li> </ul>	<ul style="list-style-type: none"> <li>•Quad 4K Display (8K*4K Support)</li> <li>•Quad HD Display (4K*2K Support)</li> <li>•Bezel Compensation</li> <li>•Unified Video Decoder (UVD)</li> <li>•AMD HD3D Technology</li> <li>•Low Profile Design</li> <li>•Flexible Output Configurations</li> </ul>	<ul style="list-style-type: none"> <li>•Quad 4K Display (8K*4K Support)</li> <li>•Quad HD Display (4K*2K Support)</li> <li>•Bezel Compensation</li> <li>•Unified Video Decoder (UVD)</li> <li>•AMD HD3D Technology</li> <li>•Passive Cooling for zero-noise operation</li> <li>•Low Profile Design</li> <li>•Flexible Output Configurations</li> </ul>
Vertical	<ul style="list-style-type: none"> <li>•Digital Gaming</li> <li>• Digital Signage &amp; Retail</li> <li>• Medical Imaging</li> <li>• Aerospace / Defense</li> </ul>	<ul style="list-style-type: none"> <li>•Digital Gaming</li> <li>• Digital Signage &amp; Retail</li> <li>• Medical Imaging</li> <li>• Aerospace / Defense</li> </ul>	<ul style="list-style-type: none"> <li>•Digital Gaming</li> <li>• Digital Signage &amp; Retail</li> <li>• Medical Imaging</li> </ul>	<ul style="list-style-type: none"> <li>• Digital Gaming</li> <li>• Digital Signage &amp; Retail</li> <li>• Medical Imaging</li> </ul>

For more information, please visit : [www.SapphirePGS.com](http://www.SapphirePGS.com)

SAPPHIRE PGS (Professional Graphics Solutions) is a business unit within SAPPHIRE Technology for Professional solutions. It provides various types of professional solutions for workstation and professional clients. SAPPHIRE PGS supports the full range of 3D professional applications for professional users. For industrial customers, SAPPHIRE PGS integrates display related graphics application solutions for broadcasting, digital signage, medical, surveillance, ATC (Air Traffic Control) and other markets. SAPPHIRE PGS is focused on providing our customers with highly appropriate solutions and outstanding pre and after sales consultancy and services.

**SAPPHIRE**  
Professional Graphics Solutions

Feature, performance and product specifications may vary by operating environment and are subject to change without notice. Products may not be exactly as shown.