




3-YEAR LONGEVITY
MULTI-DISPLAYS
PERFORMANCE
LOW POWER
RELIABLE

SAPPHIRE GPRO Series
Family Sheet

SAPPHIRE GPRO Series Product Information

Product Name	GPRO 8200	GPRO 6200	GPRO 4300 / GPRO 4300 DP	GPRO 2200
Product Image				
Core Architecture	14 nm FinFET 4th GCN	28nm GCN	14 nm FinFET 4th GCN	40nm
Bus Interface	PCI Express 3.0 x16	PCI Express 3.0 x16	PCI Express 3.0 x16	PCI Express 2.0 x16
Memory Size (Byte)	8GB	4GB	4GB	2GB
Memory Bus Width (bit)	256-bit	128-bit	128-bit	64-bit
Memory Bandwidth (GByte/s)	211 GByte/s	72 GByte/s	112 GByte/s	10 GByte/s
Full 30-bit Display Pipeline	Yes	Yes	Yes	Yes
AMD Eyefinity Technology	Yes	Yes	Yes	Yes
Bezel Compensation Support	Yes	Yes	Yes	Yes
Screw Secure Lock	No need	Yes	Yes (Only for 4x MiniDP)	No need
Display Outputs	4 x DisplayPort (1.4) or 4 x HDMI (2.0)	6 x Mini DP(1.2)	4 x Mini DP (1.2) or 2 x DisplayPort (1.4)	2 x DisplayPort (1.2)
Max.Number of Displays Supported	4	6	4 / 2	2
Number of Displays Refresh Rate Type	Up to 4 x 4K @60Hz	Up to 6 x 4K @30Hz or Up to 1 x 4K @60Hz	Up to 4 x 4K @60Hz or 2 x 4K @60Hz	Up to 2 x 4K @30Hz
DisplayPort Resolution Max.	4096x2160 @60Hz	4096x2160 @60Hz	4096x2160 @60Hz	4096x2160 @60Hz
Dual-Link DVI Resolution Max.	2560x1600 @60Hz	2560x1600 @60Hz	2560x1600 @60Hz	2560x1600 @60Hz
Single-Link DVI Resolution Max.	1920x1080 @60Hz	1920x1080 @60Hz	1920x1080 @60Hz	1920x1080 @60Hz
DirectX®	12.0	12.0	12.0	11.1
OpenGL®	4.5	4.3	4.5	4.1
OpenCL™	2.2	1.2	2.0	1.2
Form Factor	ATX (FH/FL)	ATX (FH/HL)	Low Profile (HH/HL)	Low Profile (HH/HL)
Power Consumption Max. (W)	< 140 W	< 50 W	< 50 W	< 30 W
Thermal Solution	Active 2-ball bearing fan cooling equipped with SAPPHIRE's Vapor Chamber Cooling Technology	Active 2-ball bearing fan cooling	Active 2-ball bearing fan cooling	Passive Heatsink
Features	<ul style="list-style-type: none"> •AMD Eyefinity Technology •SAPPHIRE Vapor Chamber Cooling Technology •AMD XConnect™ Technology •AMD VCE (Video Codec Engine) •Virtual Super Resolution (VSR) •AMD LiquidVR™ Technology •AMD FreeSync™ Technology •AMD TrueAudio Technology •Frame Rate Target Control (FRTC) 	<ul style="list-style-type: none"> •AMD Eyefinity Technology •AMD PowerTune Technology •AMD ZeroCore Power Technology •Unified Video Decoder (UVD) •HD3D Technology 	<ul style="list-style-type: none"> •AMD Eyefinity Technology •AMD PowerTune Technology •AMD VCE (Video Codec Engine) •Virtual Super Resolution (VSR) •AMD LiquidVR™ Technology •FreeSync Technology •AMD XConnect™ Technology •AMD TrueAudio Technolgo •Frame Rate Target Control (FRTC) 	<ul style="list-style-type: none"> •AMD Eyefinity Technology •Unified Video Decoder (UVD) •HD3D Technology •Passive cooling for zero-noise operation
Optional Accessories (Additional cables can be purchased separately)	DP to HDMI 1.4 /2.0 Active Dongle DP to DVI Active / Passive Dongle	MiniDP to DP Dongle MiniDP to HDMI 2.0 Active Dongle MiniDP to DVI Active/Passive Dongle	MiniDP to DP Dongle MiniDP to HDMI 2.0 Active Dongle MiniDP to DVI Active/Passive Dongle	DP to HDMI 1.4 /2.0 Active Dongle DP to DVI Active / Passive Dongle
		*Above accessories are all equipped with Screw Secure Lock		

For more information, please visit : www.sapphiretech.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.

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

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