

PNY Quadro NVS 50 AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						

PNY Quadro NVS 280 AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro NVS 280 PCI

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro NVS 280 PCI-E

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro NVS 285 PCI-E

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro NVS 400 PCI

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						

PNY Quadro NVS 440 PCI-E

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro4 380 XGL AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro4 550 XGL AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro 580 XGL AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro4 700 XGL AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro4 900 XGL AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro4 980 XGL AGP

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 330 PCI-E

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro FX 500 AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75						

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro FX 540 PCI-E

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						

PNY Quadro FX 600 PCI

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 700 AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 1000 AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 1100 AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 1300 PCI-E

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 1400 PCI-E

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 2000 AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

PNY Quadro FX 3000 AGP

[back](#)

Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

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Max. Resolution of Analog Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75	85	100	120	140	150	160
720	480	60									
720	576	60									
800	600	60	70	72	75	85	100	120	140	150	160
848	480	60	70	72	75	85	100	120	140	150	160
960	600	60	70	72	75	85	100	120	140	150	160
1024	768	60	70	72	75	85	100	120	140	150	160
1088	612	60	70	72	75	85	100	120	140	150	160
1152	864	60	70	72	75	85	100	120	140	150	
1280	720	60	70	72	75	85	100	120	140	150	
1280	768	60	70	72	75	85	100	120	140	150	
1280	800	60	70	72	75	85	100	120	140	150	
1280	960	60	70	72	75	85	100	120	140	150	
1280	1024	60	70	72	75	85	100	120	140	150	
1360	768	60	70	72	75	85	100	120	140	150	
1600	900	60	70	72	75	85	100	120	140	150	
1600	1024	60	70	72	75	85	100	120			
1600	1200	60	70	72	75	85	100	120			
1920	1080	60	70	72	75	85	100				
1920	1200	60	70	72	75	85	100				
1920	1440	60	70	72	75	85					
2048	1536	60	70	72	75	85					

Max. Resolution of Digital Output											
Horizontal Resolution	Vertical Resolution	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)	Refresh Rate (Hz)
640	480	60	70	72	75						
720	480	60									
720	576	60									
800	600	60	70	72	75						
848	480	60	70	72	75						
960	600	60	70	72	75						
1024	768	60	70	72	75						
1088	612	60	70	72	75						
1152	864	60	70	72	75						
1280	720	60	70	72	75						
1280	768	60	70	72	75						
1280	800	60	70	72	75						
1280	960	60	70	72	75						
1280	1024	60	70	72	75						
1360	768	60	70	72	75						
1600	900	60	70	72	75						
1600	1024	60	70	72	75						
1600	1200	60	70	72	75						
1920	1080	60	70	72	75						
1920	1200	60	70	72	75						
1920	1440	60	70	72	75						

