

## **NVIDIA Quadro Resolution Tables**

This application note contains the resolutions capable of being supported by the NVIDIA® professional solutions graphics processing units (GPUs). The specific model numbers are given in the title of each table.

The resolutions represent modes that are made available based on your specific hardware and monitor combinations. Additional modes not listed may be available for selection in the display control panel. For example, current monitors have the ability to expose what resolutions are supported to the attached graphics card. From this information, a list of valid resolutions are generated and used by the operating system. NVIDIA products will automatically enable these resolutions as long as they fall within the hardware capabilities.

In other cases, some resolutions can be custom added by the user and made available, as long as they fall within the hardware capabilities.

The tables are separated into resolutions supported by Microsoft's Windows 9X, Windows Me, Windows 2000, Windows XP and Windows NT.



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## Display Modes for Windows 2000 and Windows XP

**Table 1: Standard Modes**

NVIDIA Quadro NVS Series, NVIDIA Quadro2 Pro Series, NVIDIA Quadro4 580 XGL and NVIDIA Quadro4 380 XGL

Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75									
320 × 200	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									
320 × 240	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									
400 × 300	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									
480 × 360	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									
512 × 384	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									
640 × 400	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									
640 × 480	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	240
720 × 480	8	60												
	16	60												
	32	60												
720 × 576	8	60												
	16	60												
	32	60	70	72	75	85	100	120	140	144		170	200	240
1024 × 768	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	
1152 × 864	8	60	70	72	75	85	100	120	140	144	150	170	200	
	16	60	70	72	75	85	100	120	140	144	150	170	200	
	32	60	70	72	75	85	100	120	140		150	170		



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Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75	85	100	120	140	144	150	170		
1280 × 720	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1280 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1280 × 960	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1280 × 1024	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1360 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1600 × 900	8	60	70	72	75	85	100	120	140	144	150			
	16	60	70	72	75	85	100	120	140	144	150			
	32	60	70	72	75	85	100	120						
1600 × 1024	8	60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
1600 × 1200	8	60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
1920 × 1080	8	60	70	72	75	85	100							
	16	60	70	72	75	85	100							
	32	60	70	72	75	85								
1920 × 1200**	8	60	70	72	75	85	100							
	16	60	70	72	75	85	100							
	32	60	70	72	75	85								
1920 × 1440	8	60	70	72	75	85								
	16	60	70	72	75	85								
	32	60	70		75									
2048 × 1536	8	60	70	72	75									
	16	60	70	72	75									
	32	60												

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only

\*\* 1920 x 1200 digital support with reduced blanking.

**Note:** The following products only support up to 1280 x 1024 digital resolution maximum:

- NVIDIA Quadro4 200 NVS
- NVIDIA Quadro4 400 NVS
- NVIDIA Quadro4 380 XGL
- NVIDIA Quadro4 580 XGL



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**Table 2. Standard Modes**

NVIDIA Quadro4 700 XGL, NVIDIA Quadro4 750 XGL, NVIDIA Quadro4 900 XGL and  
NVIDIA Quadro4 980 XGL

Resolution	Bits per Pixel	Refresh Rate (Hz)														
320 × 200	8			60	70	72	75									
	16			60	70	72	75									
	32			60	70	72	75									
320 × 240	8			60	70	72	75									
	16			60	70	72	75									
	32			60	70	72	75									
400 × 300	8			60	70	72	75									
	16			60	70	72	75									
	32			60	70	72	75									
480 × 360	8			60	70	72	75									
	16			60	70	72	75									
	32			60	70	72	75									
512 × 384	8			60	70	72	75									
	16			60	70	72	75									
	32			60	70	72	75									
640 × 400	8			60	70	72	75									
	16			60	70	72	75									
	32			60	70	72	75									
640 × 480	8			60	70	72	75	85	100	120	140	144	150	170	200	240
	16			60	70	72	75	85	100	120	140	144	150	170	200	240
	32			60	70	72	75	85	100	120	140	144	150	170	200	240
720 × 480	8			60												
	16			60												
	32			60												
720 × 576	8			60												
	16			60												
	32			60												
800 × 600	8			60	70	72	75	85	100	120	140	144		170	200	240
	16			60	70	72	75	85	100	120	140	144		170	200	240
	32			60	70	72	75	85	100	120	140	144		170	200	240
848 × 480	8			60	70	72	75	85	100	120	140	144		170	200	240
	16			60	70	72	75	85	100	120	140	144		170	200	240
	32			60	70	72	75	85	100	120	140	144		170	200	240
1024 × 768	8			60	70	72	75	85	100	120	140	144	150	170	200	240
	16			60	70	72	75	85	100	120	140	144	150	170	200	240
	32			60	70	72	75	85	100	120	140	144	150	170	200	240
1152 × 864	8			60	70	72	75	85	100	120	140	144	150	170	200	
	16			60	70	72	75	85	100	120	140	144	150	170	200	
	32			60	70	72	75	85	100	120	140		150	170		



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Resolution	Bits per Pixel	Refresh Rate (Hz)															
1280 x 720	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140		150			
1280 x 768	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140		150			
1280 x 960	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140		150			
1280 x 1024	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140		150			
1360 x 768	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140		150			
1600 x 900	8				60	70	72	75	85	100	120	140	144	150			
	16				60	70	72	75	85	100	120	140	144	150			
	32				60	70	72	75	85	100	120						
1600 x 1024	8				60	70	72	75	85	100	120						
	16				60	70	72	75	85	100	120						
	32				60	70	72	75	85	100							
1600 x 1200	8				60	70	72	75	85	100	120						
	16				60	70	72	75	85	100	120						
	32				60	70	72	75	85	100							
1920 x 1080	8				60	70	72	75	85	100							
	16				60	70	72	75	85	100							
	32				60	70	72	75	85								
1920 x 1200 ** ***	8			<b>41</b>	60	70	72	75	85	100							
	16			<b>41</b>	60	70	72	75	85	100							
	32			<b>41</b>	60	70	72	75	85								
1920 x 1440	8				60	70	72	75	85								
	16				60	70	72	75	85								
	32				60	70		75									
1920 x 2400 ***	8	<b>20</b>	<b>24</b>	<b>25</b>													
	16	<b>20</b>	<b>24</b>	<b>25</b>													
	32	<b>20</b>	<b>24</b>	<b>25</b>													
2048 x 1536	8				60	70	72	75									
	16				60	70	72	75									
	32				60												
3840 x 1200 ****	8		<b>21</b>	<b>24</b>													
	16		<b>21</b>	<b>24</b>													
	32		<b>21</b>	<b>24</b>													
3840 x 2400 ****	8	<b>13</b>															
	16	<b>13</b>															
	32	<b>13</b>															

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only

\*\* 1920 x 1200 digital support with reduced blanking.  
 \*\*\* T221 Monitor only  
 \*\*\*\* Supported with two DVI connectors (This mode is only supported with Quadro4 900 XGL and Quadro4 980 XGL)



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**Table 3. Standard Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)													
		60	70	72	75										
320 × 200	8														
	16														
	32														
320 × 240	8														
	16														
	32														
400 × 300	8														
	16														
	32														
480 × 360	8														
	16														
	32														
512 × 384	8														
	16														
	32														
640 × 400	8														
	16														
	32														
640 × 480	8														
	16														
	32														
720 × 480	8														
	16														
	32														
720 × 576	8														
	16														
	32														
800 × 600	8														
	16														
	32														
848 × 480	8														
	16														
	32														
1024 × 768	8														
	16														
	32														
1152 × 864	8														
	16														
	32														
1280 × 720	8														
	16														
	32														
1280 × 768	8														
	16														
	32														
1280 × 800	8														
	16														
	32														

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only



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Resolution	Bits per Pixel	Refresh Rate (Hz)																
1280 × 960	8					60	70	72	75	85	100	120	140	144	150	170		
	16					60	70	72	75	85	100	120	140	144	150	170		
	32					60	70	72	75	85	100	120	140	144	150			
1280 × 1024	8					60	70	72	75	85	100	120	140	144	150	170		
	16					60	70	72	75	85	100	120	140	144	150	170		
	32					60	70	72	75	85	100	120	140	144	150			
1366 × 768	8					60	70	72	75	85	100	120	140	144	150	170		
	16					60	70	72	75	85	100	120	140	144	150	170		
	32					60	70	72	75	85	100	120	140	144	150			
1366 × 768	8					<b>60</b>												
	16					<b>60</b>												
	32					<b>60</b>												
1400 × 1050	8					60			75	85								
	16					60			75	85								
	32					60			75	85								
1440 × 900	8					60			75	85								
	16					60			75	85								
	32					60			75	85								
1600 × 900	8					60	70	72	75	85	100	120	140	144	150			
	16					60	70	72	75	85	100	120	140	144	150			
	32					60	70	72	75	85	100	120						
1600 × 1024	8					60	70	72	75	85	100	120						
	16					60	70	72	75	85	100	120						
	32					60	70	72	75	85	100							
1600 × 1200 *	8					60	70	72	75	85	100	120						
	16					60	70	72	75	85	100	120						
	32					60	70	72	75	85	100							
1680 × 1050 *	8					60			75	85								
	16					60			75	85								
	32					60			75	85								
1920 × 1080 *	8					60	70	72	75	85	100							
	16					60	70	72	75	85	100							
	32					60	70	72	75	85								
1920 × 1200 * ***	8				<b>41</b>	60	70	72	75	85	100							
	16				<b>41</b>	60	70	72	75	85	100							
	32				<b>41</b>	60	70	72	75	85								
1920 × 1440 * **	8					60	70	72	75	85								
	16					60	70	72	75	85								
	32					60	70	72	75	85								
1920 × 2400 * ****	8	<b>20</b>	<b>24</b>	<b>25</b>	<b>48</b>													
	16	<b>20</b>	<b>24</b>	<b>25</b>	<b>48</b>													
	32	<b>20</b>	<b>24</b>	<b>25</b>	<b>48</b>													
2048 × 1536 * **	8					60	70	72	75	85								
	16					60	70	72	75	85								
	32					60	70	72	75	85								

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only



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Resolution	Bits per Pixel	Refresh Rate (Hz)																		
		15	16	17	18	19	20	21	22	23	24									
2560 × 1600 * **	8									<b>60</b>										
	16									<b>60</b>										
	32									<b>60</b>										
3840 × 1200 ***	8			<b>21</b>	<b>24</b>															
	16			<b>21</b>	<b>24</b>															
	32			<b>21</b>	<b>24</b>															
3840 × 2400 ****	8	<b>13</b>			<b>24</b>	<b>48</b>														
	16	<b>13</b>			<b>24</b>	<b>48</b>														
	32	<b>13</b>			<b>24</b>	<b>48</b>														

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only

- \* Digital support with reduced blanking.
- \*\* Digital support only available on dual-link enabled boards.
- \*\*\* IBM T221 / Viewsonic 2290b / Iiyama AQU5611 Monitor only
- \*\*\*\* Digital support for 48Hz supported via two dual-link DVI connectors

**Note:** The following products only support up to 1600 × 1200 digital resolution maximum:

- NVIDIA Quadro FX 1300
- NVIDIA Quadro FX 700
- NVIDIA Quadro FX 500
- NVIDIA Quadro FX 330



**Table 4. Horizontal Spanning Modes**

NVIDIA Quadro NVS Series, NVIDIA Quadro2 Pro Series, NVIDIA Quadro4 580 XGL and NVIDIA Quadro4 380 XGL

Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75	85	100	120	140	144	150	170	200	240
1280 × 480	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	240
1600 × 600	8	60	70	72	75	85	100	120	140	144		170	200	240
	16	60	70	72	75	85	100	120	140	144		170	200	240
	32	60	70	72	75	85	100	120	140	144		170	200	240
1696 × 480	8	60	70	72	75	85	100	120	140	144		170	200	240
	16	60	70	72	75	85	100	120	140	144		170	200	240
	32	60	70	72	75	85	100	120	140	144		170	200	240
2048 × 768	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	
2304 × 864	8	60	70	72	75	85	100	120	140	144	150	170	200	
	16	60	70	72	75	85	100	120	140	144	150	170	200	
	32	60	70	72	75	85	100	120	140		150	170		
2560 × 720	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
2560 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
2560 × 960	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
2560 × 1024	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
2720 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
3200 × 900	8	60	70	72	75	85	100	120	140	144	150			
	16	60	70	72	75	85	100	120	140	144	150			
	32	60	70	72	75	85	100	120						
3200 × 1024	8	60	70	72	75	85	100	120						



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Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
3200 × 1200	8	60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
3840 × 1080	8	60	70	72	75	85	100							
	16	60	70	72	75	85	100							
	32	60	70	72	75	85								
3840 × 1200	8	60	70	72	75	85	100							
	16	60	70	72	75	85	100							
	32	60	70	72	75	85								
3840 × 1440	8	60	70	72	75	85								
	16	60	70	72	75	85								
	32	60	70		75									
4096 × 1536	8	60	70	72	75									
	16	60	70	72	75									
	32	60												



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**Table 5. Horizontal Spanning Modes**

NVIDIA Quadro4 700 XGL, NVIDIA Quadro4 750 XGL, NVIDIA Quadro4 900 XGL and  
NVIDIA Quadro4 980 XGL

Resolution	Bits per Pixel	Refresh Rate (Hz)													
		60	70	72	75	85	100	120	140	144	150	170	200	240	
1280 x 480	8														
	16														
	32														
1600 x 600	8														
	16														
	32														
1696 x 480	8														
	16														
	32														
2048 x 768	8														
	16														
	32														
2304 x 864	8														
	16														
	32														
2560 x 720	8														
	16														
	32														
2560 x 768	8														
	16														
	32														
2560 x 960	8														
	16														
	32														
2560 x 1024	8														
	16														
	32														
2720 x 768	8														
	16														
	32														
3200 x 900	8														
	16														
	32														
3200 x 1024	8														
	16														
	32														



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Resolution	Bits per Pixel	Refresh Rate (Hz)													
3200 x 1200	8				60	70	72	75	85	100	120				
	16				60	70	72	75	85	100	120				
	32				60	70	72	75	85	100					
3840 x 1080	8				60	70	72	75	85	100					
	16				60	70	72	75	85	100					
	32				60	70	72	75	85						
3840 x 1200	8				60	70	72	75	85	100					
	16				60	70	72	75	85	100					
	32				60	70	72	75	85						
3840 x 1440	8				60	70	72	75	85						
	16				60	70	72	75	85						
	32				60	70		75							
3840 x 2400 ****	8	20	24	25											
	16	20	24	25											
	32	20	24	25											
4096 x 1536	8				60	70	72	75							
	16				60	70	72	75							
	32				60										

\*\*\*\* Supported with two DVI connectors (This mode is only supported with NVIDIA Quadro4 900 XGL and NVIDIA Quadro4 980 XGL)



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**Table 6. Horizontal Spanning Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)															
1280 × 480	8				60	70	72	75	85	100	120	140	144	150	170	200	240
	16				60	70	72	75	85	100	120	140	144	150	170	200	240
	32				60	70	72	75	85	100	120	140	144	150	170	200	240
1600 × 600	8				60	70	72	75	85	100	120	140	144	150	170	200	240
	16				60	70	72	75	85	100	120	140	144	150	170	200	240
	32				60	70	72	75	85	100	120	140	144	150	170	200	240
1696 × 480	8				60	70	72	75	85	100	120	140	144	150	170	200	240
	16				60	70	72	75	85	100	120	140	144	150	170	200	240
	32				60	70	72	75	85	100	120	140	144	150	170	200	240
2048 × 768	8				60	70	72	75	85	100	120	140	144	150	170	200	240
	16				60	70	72	75	85	100	120	140	144	150	170	200	240
	32				60	70	72	75	85	100	120	140	144	150	170	200	240
2304 × 864	8				60	70	72	75	85	100	120	140	144	150	170	200	
	16				60	70	72	75	85	100	120	140	144	150	170	200	
	32				60	70	72	75	85	100	120	140	144	150	170		
2560 × 720	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140	144	150			
2560 × 768	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140	144	150			
2560 × 960	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140	144	150			
2560 × 1024	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140	144	150			
2720 × 768	8				60	70	72	75	85	100	120	140	144	150	170		
	16				60	70	72	75	85	100	120	140	144	150	170		
	32				60	70	72	75	85	100	120	140	144	150			
3200 × 900	8				60	70	72	75	85	100	120	140	144	150			
	16				60	70	72	75	85	100	120	140	144	150			
	32				60	70	72	75	85	100	120						
3200 × 1024	8				60	70	72	75	85	100	120						
	16				60	70	72	75	85	100	120						
	32				60	70	72	75	85	100							
3200 × 1200	8				60	70	72	75	85	100	120						
	16				60	70	72	75	85	100	120						
	32				60	70	72	75	85	100							
3840 × 1080	8				60	70	72	75	85	100							
	16				60	70	72	75	85	100							
	32				60	70	72	75	85								
3840 × 1200	8				60	70	72	75	85	100							
	16				60	70	72	75	85	100							
	32				60	70	72	75	85								
3840 × 1440	8				60	70	72	75	85								
	16				60	70	72	75	85								
	32				60	70	72	75	85								
3840 × 2400 ****	8	20	24	25													
	16	20	24	25													
	32	20	24	25													
4096 × 1536	8				60	70	72	75	85								
	16				60	70	72	75	85								
	32				60	70	72	75	85								

\*\*\*\* Supported with two DVI connectors



**Table 8. Vertical Spanning Modes**

NVIDIA Quadro4 700 XGL, NVIDIA Quadro4 750 XGL, NVIDIA Quadro4 900 XGL and  
NVIDIA Quadro4 980 XGL

Resolution	Bits per Pixel	Refresh Rate (Hz)													
		60	70	72	75	85	100	120	140	144	150	170	200	240	
640 × 960	8														
	16														
	32														
800 × 1200	8														
	16														
	32														
848 × 960	8														
	16														
	32														
1024 × 1536	8														
	16														
	32														
1152 × 1728	8														
	16														
	32														
1280 × 1440	8														
	16														
	32														
1280 × 1536	8														
	16														
	32														
1280 × 1920	8														
	16														
	32														
1280 × 2048	8														
	16														
	32														
1360 × 1536	8														
	16														
	32														
1600 × 1800	8														
	16														
	32														
1600 × 2048	8														
	16														
	32														



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Resolution	Bits per Pixel	Refresh Rate (Hz)													
1600 x 2400	8			60	70	72	75	85	100	120					
	16			60	70	72	75	85	100	120					
	32			60	70	72	75	85	100						
1920 x 2160	8			60	70	72	75	85	100						
	16			60	70	72	75	85	100						
	32			60	70	72	75	85							
1920 x 2400	8			60	70	72	75	85	100						
	16			60	70	72	75	85	100						
	32			60	70	72	75	85							
1920 x 2880	8			60	70	72	75	85							
	16			60	70	72	75	85							
	32			60	70		75								
2048 x 3072	8			60	70	72	75								
	16			60	70	72	75								
	32			60											
3840 x 2400 ****	8	21	24												
	16	21	24												
	32	21	24												

\*\*\*\* Supported with two DVI connectors (This mode only supported with NVIDIA Quadro4 900 XGL and NVIDIA Quadro4 980 XGL)



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**Table 9. Vertical Spanning Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)														
640 x 960	8			60	70	72	75	85	100	120	140	144	150	170	200	240
	16			60	70	72	75	85	100	120	140	144	150	170	200	240
	32			60	70	72	75	85	100	120	140	144	150	170	200	240
800 x 1200	8			60	70	72	75	85	100	120	140	144	150	170	200	240
	16			60	70	72	75	85	100	120	140	144	150	170	200	240
	32			60	70	72	75	85	100	120	140	144	150	170	200	240
848 x 960	8			60	70	72	75	85	100	120	140	144	150	170	200	240
	16			60	70	72	75	85	100	120	140	144	150	170	200	240
	32			60	70	72	75	85	100	120	140	144	150	170	200	240
1024 x 1536	8			60	70	72	75	85	100	120	140	144	150	170	200	240
	16			60	70	72	75	85	100	120	140	144	150	170	200	240
	32			60	70	72	75	85	100	120	140	144	150	170	200	
1152 x 1728	8			60	70	72	75	85	100	120	140	144	150	170	200	
	16			60	70	72	75	85	100	120	140	144	150	170	200	
	32			60	70	72	75	85	100	120	140	144	150	170		
1280 x 1440	8			60	70	72	75	85	100	120	140	144	150	170		
	16			60	70	72	75	85	100	120	140	144	150	170		
	32			60	70	72	75	85	100	120	140	144	150			
1280 x 1536	8			60	70	72	75	85	100	120	140	144	150	170		
	16			60	70	72	75	85	100	120	140	144	150	170		
	32			60	70	72	75	85	100	120	140	144	150			
1280 x 1920	8			60	70	72	75	85	100	120	140	144	150	170		
	16			60	70	72	75	85	100	120	140	144	150	170		
	32			60	70	72	75	85	100	120	140	144	150			
1280 x 2048	8			60	70	72	75	85	100	120	140	144	150	170		
	16			60	70	72	75	85	100	120	140	144	150	170		
	32			60	70	72	75	85	100	120	140	144	150			
1360 x 1536	8			60	70	72	75	85	100	120	140	144	150	170		
	16			60	70	72	75	85	100	120	140	144	150	170		
	32			60	70	72	75	85	100	120	140	144	150			
1600 x 1800	8			60	70	72	75	85	100	120	140	144	150			
	16			60	70	72	75	85	100	120	140	144	150			
	32			60	70	72	75	85	100	120						
1600 x 2048	8			60	70	72	75	85	100	120						
	16			60	70	72	75	85	100	120						
	32			60	70	72	75	85	100							
1600 x 2400	8			60	70	72	75	85	100	120						
	16			60	70	72	75	85	100	120						



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Resolution	Bits per Pixel	Refresh Rate (Hz)													
		60	70	72	75	85	100								
	32														
1920 x 2160	8														
	16														
	32														
1920 x 2400	8														
	16														
	32														
1920 x 2880	8														
	16														
	32														
2048 x 3072	8														
	16														
	32														
3840 x 2400 ****	8	21	24												
	16	21	24												
	32	21	24												



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## Display Modes for Windows NT

The digital resolutions used in the tables are based on external TMDS.

**Table 10. Standard Modes**

NVIDIA Quadro2 Pro, NVIDIA Quadro4 XGL Series and NVIDIA Quadro NVS Series

Resolution	Bits per Pixel	Refresh Rate (Hz)											
		60	70	72	75								
320 × 200	8	60	70	72	75								
	16	60	70	72	75								
	32	60	70	72	75								
320 × 240	8	60	70	72	75								
	16	60	70	72	75								
	32	60	70	72	75								
400 × 300	8	60	70	72	75								
	16	60	70	72	75								
	32	60	70	72	75								
480 × 360	8	60	70	72	75								
	16	60	70	72	75								
	32	60	70	72	75								
512 × 384	8	60	70	72	75								
	16	60	70	72	75								
	32	60	70	72	75								
640 × 400	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
640 × 480	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
720 × 480	8	60											
	16	60											
	32	60											
720 × 576	8	60											
	16	60											
	32	60											
800 × 600	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1024 × 768	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					



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Resolution	Bits per Pixel	Refresh Rate (Hz)										Shaded: Digital and Analog Support Nonshaded: Analog Support Only Bold: Digital Only				
		60	70	72	75	85	100	120								
1152 x 864	32	60	70	72	75	85	100	120								
	8	60	70	72	75	85	100	120								
	16	60	70	72	75	85	100	120								
1280 x 768	32	60	70	72	75	85	100	120								
	8	60	70	72	75	85	100	120								
	16	60	70	72	75	85	100	120								
1280 x 960	32	60	70	72	75	85	100	120								
	8	60	70	72	75	85	100	120								
	16	60	70	72	75	85	100	120								
1280 x 1024	32	60	70	72	75	85	100	120								
	8	60	70	72	75	85	100	120								
	16	60	70	72	75	85	100	120								
1600 x 900	32	60	70	72	75	85	100									
	8	60	70	72	75	85	100									
	16	60	70	72	75	85	100									
1600 x 1024	32	60	70	72	75	85										
	8	60	70	72	75	85	100									
	16	60	70	72	75	85	100									
1600 x 1200	32	60	70	72	75	85										
	8	60	70	72	75	85	100									
	16	60	70	72	75	85	100									
1920 x 1080	32	60	70	72	75											
	8	60	70	72	75	85	100									
	16	60	70	72	75	85	100									
1920 x 1200 **	32	60	70													
	8	60	70	72	75	85										
	16	60	70	72	75	85										
1920 x 1440	32	60														
	8	60	70	72	75											
	16	60	70	72	75											
2048 x 1536	8	60														
	16	60														

\*\* 1920 x 1200 digital support with reduced blanking.

**Note:** The following products only support up to a maximum of 1280 x 1024 resolution.  
NVIDIA Quadro4 200 NVS, NVIDIA Quadro4 400 NVS, NVIDIA Quadro4 380 XGL and  
NVIDIA Quadro4 580 XGL.



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**Table 11. Standard Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)															
		60	70	72	75												
320 × 200	8	60	70	72	75												
	16	60	70	72	75												
	32	60	70	72	75												
320 × 240	8	60	70	72	75												
	16	60	70	72	75												
	32	60	70	72	75												
400 × 300	8	60	70	72	75												
	16	60	70	72	75												
	32	60	70	72	75												
480 × 360	8	60	70	72	75												
	16	60	70	72	75												
	32	60	70	72	75												
512 × 384	8	60	70	72	75												
	16	60	70	72	75												
	32	60	70	72	75												
640 × 400	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
640 × 480	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
720 × 480	8	60															
	16	60															
	32	60															
720 × 576	8	60															
	16	60															
	32	60															
800 × 600	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
1024 × 768	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
1152 × 864	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
1280 × 768	8	60	70	72	75	85	100	120									

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only



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Resolution	Bits per Pixel	Refresh Rate (Hz)										Shaded: Digital and Analog Support Nonshaded: Analog Support Only Bold: Digital Only					
		16	60	70	72	75	85	100	120								
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
1280 × 960	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
1280 × 1024	8	60	70	72	75	85	100	120									
	16	60	70	72	75	85	100	120									
	32	60	70	72	75	85	100	120									
1600 × 900	8	60	70	72	75	85	100										
	16	60	70	72	75	85	100										
	32	60	70	72	75	85											
1600 × 1024	8	60	70	72	75	85	100										
	16	60	70	72	75	85	100										
	32	60	70	72	75	85											
1600 × 1200 *	8	60	70	72	75	85	100										
	16	60	70	72	75	85	100										
	32	60	70	72	75	85											
1920 × 1080 *	8	60	70	72	75	85	100										
	16	60	70	72	75	85	100										
	32	60	70	72	75	85											
1920 × 1200 **	8	60	70	72	75	85											
	16	60	70	72	75	85											
	32	60	70	72	75	85											
1920 × 1440 *	8	60	70	72	75	85											
	16	60	70	72	75	85											
	32	60	70	72	75	85											
2048 × 1536 *	8	60	70	72	75	85											
	16	60	70	72	75	85											
	32	60	70	72	75	85											

\* Only available in dual link mode on the NVIDIA Quadro FX 2000 board

\*\* 1920 × 1200 digital support with reduced blanking.



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**Table 12. Horizontal Spanning Modes**

NVIDIA Quadro2 Pro, NVIDIA Quadro4 XGL Series and NVIDIA Quadro NVS Series

Resolution	Bits per Pixel	Refresh Rate (Hz)											
		60	70	72	75	85	100	120					
1280 x 480	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1600 x 600	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
2048 x 768	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
2304 x 864	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
2560 x 768	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
2560 x 960	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
2560 x 1024	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
3200 x 900	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85							
3200 x 1024	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85							
3200 x 1200	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85							
3840 x 1080	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75								
3840 x 1200	8	60	70	72	75	85							
	16	60	70	72	75	85							
	32	60	70										
3840 x 1440	8	60	70	72	75								
	16	60	70	72	75								
	32	60											
4096 x 1536	8	60											
	16	60											



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**Table 13. Horizontal Spanning Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)													
		60	70	72	75	85	100	120							
1280 × 480	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1600 × 600	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
2048 × 768	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
2304 × 864	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
2560 × 768	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
2560 × 960	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
2560 × 1024	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
3200 × 900	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
3200 × 1024	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
3200 × 1200	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
3840 × 1080	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
3840 × 1200	8	60	70	72	75	85									
	16	60	70	72	75	85									
	32	60	70	72	75	85									
3840 × 1440	8	60	70	72	75	85									
	16	60	70	72	75	85									
	32	60	70	72	75	85									
4096 × 1536	8	60	70	72	75	85									
	16	60	70	72	75	85									



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**Table 14. Vertical Spanning Modes**

NVIDIA Quadro2 Pro, NVIDIA Quadro4 XGL Series and NVIDIA Quadro NVS Series

Resolution	Bits per Pixel	Refresh Rate (Hz)											
		60	70	72	75	85	100	120					
640 × 960	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
800 × 1200	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1024 × 1536	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1152 × 1536	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1280 × 1536	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1280 × 1920	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1280 × 2048	8	60	70	72	75	85	100	120					
	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100	120					
1600 × 1800	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85							
1600 × 2048	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85							
1600 × 2400	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85							
1920 × 2160	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75								
1920 × 2400	8	60	70	72	75	85							
	16	60	70	72	75	85							
	32	60	70										
1920 × 2880	8	60	70	72	75								
	16	60	70	72	75								
	32	60											



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**Table 15. Vertical Spanning Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)													
		60	70	72	75	85	100	120							
640 × 960	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
800 × 1200	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1024 × 1536	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1152 × 1536	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1280 × 1536	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1280 × 1920	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1280 × 2048	8	60	70	72	75	85	100	120							
	16	60	70	72	75	85	100	120							
	32	60	70	72	75	85	100	120							
1600 × 1800	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
1600 × 2048	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
1600 × 2400	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
1920 × 2160	8	60	70	72	75	85	100								
	16	60	70	72	75	85	100								
	32	60	70	72	75	85									
1920 × 2400	8	60	70	72	75	85									
	16	60	70	72	75	85									
	32	60	70	72	75	85									
1920 × 2880	8	60	70	72	75	85									
	16	60	70	72	75	85									
	32	60	70	72	75	85									
2048 × 3072	8	60	70	72	75	85									
	16	60	70	72	75	85									
	32	60	70	72	75	85									



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## Display Modes for Windows 9X and Windows Me

The digital resolutions used in the tables are based on external TMDS.  
Windows 9X does not have the following low resolution modes.

- ◆ 20 × 200 at 60 70 72 75
- ◆ 320 × 240 at 60 70 72 75
- ◆ 400 × 300 at 60 70 72 75
- ◆ 480 × 360 at 60 70 72 75
- ◆ 512 × 384 at 60 70 72 75
- ◆ 640 × 400 at 60 70 72 75

**Table 16. Standard Modes**

NVIDIA Quadro Family

Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75	85	100	120	140	144	150	170	200	240
640 × 480	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	240
800 × 600	8	60	70	72	75	85	100	120	140	144		170	200	240
	16	60	70	72	75	85	100	120	140	144		170	200	240
	32	60	70	72	75	85	100	120	140	144		170	200	240
848 × 480	8	60	70	72	75	85	100	120	140	144		170	200	240
	16	60	70	72	75	85	100	120	140	144		170	200	240
	32	60	70	72	75	85	100	120	140	144		170	200	240
1024 × 768	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	
1152 × 864	8	60	70	72	75	85	100	120	140	144	150	170	200	
	16	60	70	72	75	85	100	120	140	144	150	170	200	
	32	60	70	72	75	85	100	120	140		150	170		
1280 × 720	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1280 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			



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Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75	85	100	120	140	144	150	170		
1280 × 960	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1280 × 1024	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1360 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140		150			
1600 × 900	8	60	70	72	75	85	100	120	140	144	150			
	16	60	70	72	75	85	100	120	140	144	150			
	32	60	70	72	75	85	100	120						
1600 × 1024	8	60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
1600 × 1200	8	60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
1920 × 1080	8	60	70	72	75	85	100							
	16	60	70	72	75	85	100							
	32	60	70	72	75	85	100							
1920 × 1200**	8	60	70	72	75	85	100							
	16	60	70	72	75	85	100							
	32	60	70	72	75	85	100							
1920 × 1440	8	60	70	72	75	85								
	16	60	70	72	75	85								
	32	60	70		75	85								
2048 × 1536	8	60	70	72	75									
	16	60	70	72	75									
	32	60	70	72	75									

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only

\*\* 1920 × 1200 digital support with reduced blanking.

**Note:** The following products only support up to 1280 × 1024 maximum:

- NVIDIA Quadro4 200 NVS
- NVIDIA Quadro4 400 NVS
- NVIDIA Quadro4 380 XGL
- NVIDIA Quadro4 580 XGL



**Table 17. Standard Modes**

NVIDIA Quadro FX Series

Resolution	Bits per Pixel	Refresh Rate (Hz)												
		60	70	72	75	85	100	120	140	144	150	170	200	240
640 × 480	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	240
800 × 600	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	240
848 × 480	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	240
1024 × 768	8	60	70	72	75	85	100	120	140	144	150	170	200	240
	16	60	70	72	75	85	100	120	140	144	150	170	200	240
	32	60	70	72	75	85	100	120	140	144	150	170	200	
1152 × 864	8	60	70	72	75	85	100	120	140	144	150	170	200	
	16	60	70	72	75	85	100	120	140	144	150	170	200	
	32	60	70	72	75	85	100	120	140	144	150	170		
1280 × 720	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140	144	150			
1280 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140	144	150			
1280 × 960	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140	144	150			
1280 × 1024	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140	144	150			
1360 × 768	8	60	70	72	75	85	100	120	140	144	150	170		
	16	60	70	72	75	85	100	120	140	144	150	170		
	32	60	70	72	75	85	100	120	140	144	150			
1600 × 900	8	60	70	72	75	85	100	120	140	144	150			
	16	60	70	72	75	85	100	120	140	144	150			
	32	60	70	72	75	85	100	120						
1600 × 1024	8	60	70	72	75	85	100	120						
	16	60	70	72	75	85	100	120						
	32	60	70	72	75	85	100							
1600 × 1200	8	60	70	72	75	85	100	120						

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only



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Resolution	Bits per Pixel	Refresh Rate (Hz)											
		60	70	72	75	85	100	120					
*	16	60	70	72	75	85	100	120					
	32	60	70	72	75	85	100						
1920 × 1080 *	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85	100						
1920 × 1200 * **	8	60	70	72	75	85	100						
	16	60	70	72	75	85	100						
	32	60	70	72	75	85	100						
1920 × 1440 *	8	60	70	72	75	85							
	16	60	70	72	75	85							
	32	60	70	72	75	85							
2048 × 1536 *	8	60	70	72	75	85							
	16	60	70	72	75	85							
	32	60	70	72	75	85							

Shaded: Digital and Analog Support  
 Nonshaded: Analog Support Only  
 Bold: Digital Only

\* Only available in dual link mode on the NVIDIA Quadro FX 2000 board

\*\* 1920 × 1200 digital support with reduced blanking.

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