PureVideo Support Table

GeForce

	GeForce 8800 GTX	GeForce 8800 GTS	GeForce 8600 GTS	GeForce 8600 GT	GeForce 8500 GT	GeForce 7950 GX2	GeForce 7900 GTX	GeForce 7950 GT	GeForce 7900 GT	GeForce 7900 GS	GeForce 7800 GTX 512	GeForce 7800 GTX	GeForce 7800 GT	GeForce 7600 GT	GeForce 7600 GS	GeForce 7300 GT	GeForce 7300 GS	GeForce 7300 LE	GeForce 7300 SE	GeForce 7100 GS	GeForce 6800 Ultra	GeForce 6800 GT	GeForce 6800 GS	GeForce 6800	GeForce 6800 XT	GeForce 6800 LE	GeForce 6600 GT	GeForce 6600	GeForce 6600 LE	GeForce 6500	GeForce 6200 TC 256MB (64MB FB)	GeForce 6200 TC 128MB (32MB FB)	GeForce 6150	GeForce 6100
Interface	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e
High-Definition Content																																		
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
H.264 Decode Acceleration with IDCT and CAVLC/CABAC			✓	✓	✓																													
VC-1/WMV Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
VC-1/WMV Decode Acceleration with IDCT			✓	✓	✓																													
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
MPEG-2 Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓						
MPEG-2 Inverse Telecine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓													
Standard-Definition Content																																		
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
H.264 Decode Acceleration with IDCT and CAVLC/CABAC			✓	✓	✓																													
VC-1 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
VC-1/WMV Decode Acceleration with IDCT			✓	✓	✓																													
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WMV9 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Inverse Telecine *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	
Noise Reduction *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Edge Enhancement *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Resolution Independent																																		
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

	GeForce 7800 GS	GeForce 7600 GS	GeForce 6800 Ultra	GeForce 6800 GT	GeForce 6800 GS	GeForce 6800	GeForce 6800 XT	GeForce 6600 GT	GeForce 6600	GeForce 6600 LE	GeForce 6200
Interface	agp	agp	agp	agp	agp	agp	agp	agp	agp	agp	agp
High-Definition Content											
H.264 Decode Acceleration	✓	✓						✓	✓	✓	✓
H.264 Decode Acceleration with IDCT and CAVLC/CABAC											
VC-1/WMV Decode Acceleration	✓	✓						✓	✓	✓	✓
VC-1/WMV Decode Acceleration with IDCT											
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MPEG-2 Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓		
MPEG-2 Inverse Telecine			✓								
Standard-Definition Content											
H.264 Decode Acceleration	✓	✓						✓	✓	✓	✓
H.264 Decode Acceleration with IDCT and CAVLC/CABAC											
VC-1 Decode Acceleration	✓	✓						✓	✓	✓	✓
VC-1/WMV Decode Acceleration with IDCT											
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WMV9 Decode Acceleration	✓	✓						✓	✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inverse Telecine *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Noise Reduction *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edge Enhancement *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resolution Independent											
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

GeForce For Notebooks

	GeForce 8700M GT	GeForce 8600M GTS	GeForce 8600M GT	GeForce 8600M GS	GeForce 8400M GT	GeForce 8400M GS	GeForce 8400M G	GeForce Go 7950 GTX	GeForce Go 7900 GTX	GeForce Go 7900 GS
Interface	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e
High-Definition Content										
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓		✓	✓	✓
H.264 Decode Acceleration with IDCT and CAVLC/CABAC	✓	✓	✓	✓	✓	✓				
VC-1/WMV Decode Acceleration	✓	✓	✓	✓	✓	✓		✓	✓	✓
VC-1/WMV Decode Acceleration with IDCT	✓	✓	✓	✓	✓	✓				
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MPEG-2 Spatial-Temporal De-Interlacing	✓	✓	✓					✓	✓	✓
MPEG-2 Inverse Telecine	✓	✓	✓							
Standard-Definition Content										
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓		✓	✓	✓
H.264 Decode Acceleration with IDCT and CAVLC/CABAC	✓	✓	✓	✓	✓	✓				
VC-1 Decode Acceleration	✓	✓	✓	✓	✓	✓		✓	✓	✓
VC-1/WMV Decode Acceleration with IDCT	✓	✓	✓	✓	✓	✓				
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WMV9 Decode Acceleration	✓	✓	✓	✓	✓	✓		✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓		✓	✓	✓
Inverse Telecine *	✓	✓	✓	✓	✓	✓		✓	✓	✓
Noise Reduction *	✓	✓	✓					✓	✓	✓
Edge Enhancement *	✓	✓	✓					✓	✓	✓
Resolution Independent										
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓		✓	✓	✓

Note: Information in this table is based on ForceWare drivers v158.18 or higher

* Enabling Inverse Telecine, Noise Reduction and Edge Enhancements simultaneously requires additional processing power and may not be possible without dropping frames on some graphics cards

H.264 and VC-1 Decode Acceleration is not currently supported un Windows XP for the 8600 and 8500 series GPUs. This support will be added in upcoming ForceWare drivers release.

PureVideo Support Table

	GeForce Go 7800 GTX	GeForce Go 7800	GeForce Go 7700	GeForce Go 7600 GT	GeForce Go 7600	GeForce Go 7400	GeForce Go 7300	GeForce Go 7200	GeForce Go 6800	GeForce Go 6600	GeForce 6400 TC 128MB (32MB FB)	GeForce 6200 TC 128MB (32MB FB)
Interface	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e
High-Definition Content												
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
H.264 Decode Acceleration with IDCT and CAVLC/CABAC												
VC-1/WMV Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VC-1/WMV Decode Acceleration with IDCT												
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
MPEG-2 Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓				✓	✓		
MPEG-2 Inverse Telecine												
Standard-Definition Content												
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
H.264 Decode Acceleration with IDCT and CAVLC/CABAC												
VC-1 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VC-1/WMV Decode Acceleration with IDCT												
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WMV9 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inverse Telecine *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Noise Reduction *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edge Enhancement *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resolution Independent												
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

	NVIDIA Quadro																		
	NVIDIA Quadro FX 5500	NVIDIA Quadro FX 4500 X2	NVIDIA Quadro FX 4500	NVIDIA Quadro FX 4400G	NVIDIA Quadro FX 4400	NVIDIA Quadro FX 4000 SDI	NVIDIA Quadro FX 3500	NVIDIA Quadro FX 3450	NVIDIA Quadro FX 3400	NVIDIA Quadro FX 1500	NVIDIA Quadro FX 1400	NVIDIA Quadro FX 560	NVIDIA Quadro FX 550	NVIDIA Quadro FX 540	NVIDIA Quadro FX Go1400	NVIDIA Quadro NVS 440	NVIDIA Quadro NVS 285	NVIDIA Quadro FX 4000 SDI	NVIDIA Quadro FX 4000
Interface	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	pci-e	agp	agp
High-Definition Content																			
H.264 Decode Acceleration	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
H.264 Decode Acceleration with IDCT and CAVLC/CABAC																			
VC-1/WMV Decode Acceleration	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
VC-1/WMV Decode Acceleration with IDCT																			
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MPEG-2 Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓
MPEG-2 Inverse Telecine	✓	✓	✓	✓	✓		✓												
Standard-Definition Content																			
H.264 Decode Acceleration	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
H.264 Decode Acceleration with IDCT and CAVLC/CABAC																			
VC-1 Decode Acceleration	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
VC-1/WMV Decode Acceleration with IDCT																			
MPEG-2 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WMV9 Decode Acceleration	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
High-Quality Scaling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spatial-Temporal De-Interlacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inverse Telecine *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓
Noise Reduction *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓
Edge Enhancement *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓
Resolution Independent																			
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

	NVIDIA Quadro FX Mobile		
	NVIDIA Quadro FX Go 2500M	NVIDIA Quadro FX Go 1500M	NVIDIA Quadro FX Go 350M
Interface	pci-e	pci-e	pci-e
High-Definition Content			
H.264 Decode Acceleration	✓	✓	✓
H.264 Decode Acceleration with IDCT and CAVLC/CABAC			
VC-1/WMV Decode Acceleration	✓	✓	✓
VC-1/WMV Decode Acceleration with IDCT			
MPEG-2 Decode Acceleration	✓	✓	✓
High-Quality Scaling	✓	✓	✓
MPEG-2 Spatial-Temporal De-Interlacing	✓	✓	
MPEG-2 Inverse Telecine	✓		
Standard-Definition Content			
H.264 Decode Acceleration	✓	✓	✓
H.264 Decode Acceleration with IDCT and CAVLC/CABAC			
VC-1 Decode Acceleration	✓	✓	✓
VC-1/WMV Decode Acceleration with IDCT			
MPEG-2 Decode Acceleration	✓	✓	✓
WMV9 Decode Acceleration	✓	✓	✓
High-Quality Scaling	✓	✓	✓
Spatial-Temporal De-Interlacing	✓	✓	✓
Inverse Telecine *	✓	✓	✓
Noise Reduction *	✓	✓	✓
Edge Enhancement *	✓	✓	✓
Resolution Independent			
Video Color Correction	✓	✓	✓
Integrated TV Output	✓	✓	✓