PureVideo HD Support

	GeForce																		
	Desktop						Mobile								Motherboard				
	GeForce 200 Series	GeForce 9 Series	GeForce 88xx	GeForce 86xx	GeForce 85xx	GeForce 84xx	GeForce 98xxM x	GeForce 9700M x	GeForce 96xxM x	GeForce 9500M x	GeForce 9300M x	GeForce 9200M x	GeForce 8800M x	GeForce 8600M x	GeForce 9400 x	GeForce 9300 x	GeForce 9100 x	GeForce 8300 x	GeForce 8200 x
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
High-Definition Content																			
H.264 Decode Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H.264 Decode 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 with IDCT and CAVLC/CABAC	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VC-1/WMV 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 *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resolution Independent																			
Dynamic Tone Enhancement	✓	✓					✓	✓	✓	✓			✓		✓	✓	✓	✓	✓
Dynamic Contrast Enhancement	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Noise Reduction *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edge Enhancement *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

PureVideo HD Support

	NVIDIA Quadro																					NVIDIA Quadro Mobile											
	Quadro FX 5xxx	Quadro FX 46xx	Quadro FX 45xx	Quadro FX 44xx	Quadro FX 4000 SDI	Quadro FX 3700	Quadro FX 3500	Quadro FX 3450	Quadro FX 3400	Quadro FX 1700	Quadro FX 1500	Quadro FX 1400	Quadro FX 570	Quadro FX 560	Quadro FX 550	Quadro FX 540	Quadro FX 370	Quadro FX Go1400	Quadro NVS 440	Quadro NVS 285	Quadro FX 4000 SDI	Quadro FX 4000	Quadro FX 3700M	Quadro FX 3600M	Quadro FX 3500M	Quadro FX 2700M	Quadro FX 1700M	Quadro FX 1600M	Quadro FX 1500M	Quadro FX 770M	Quadro FX 570M	Quadro FX 370M	Quadro FX 360M	Quadro FX 350M
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	agp	agp	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 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 with IDCT and CAVLC/CABAC						✓				✓			✓				✓						✓	✓		✓	✓	✓		✓	✓	✓	✓	
VC-1/WMV 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 *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resolution Independent																																		
Dynamic Tone Enhancement						✓				✓			✓				✓						✓	✓		✓	✓	✓		✓	✓		✓	
Dynamic Contrast Enhancement						✓				✓			✓				✓						✓	✓		✓	✓	✓		✓	✓		✓	
Noise Reduction *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edge Enhancement *	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video Color Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated TV Output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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