

# Maya 2019.1, MtoA 3.2 MotionBuilder & Mudbox 2019

\* Maya 2019.1 includes MtoA 3.2, which contains Arnold GPU Beta. Arnold GPU is supported by Nvidia Turing, Volta, Pascal and Maxwell GPUs. Visit [this page](#) for more information.

## MICROSOFT® WINDOWS®

*Windows 7 SP1 Pro, Windows 10 Pro*

NVIDIA®   CERTIFIED Graphics Cards				
Viewport 2.0 Modes				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Quadro RTX 8000	430.86	✓	✓	✓
Quadro RTX 6000	430.86	✓	✓	✓
Quadro RTX 5000	430.86	✓	✓	✓
Quadro RTX 4000	430.86	✓	✓	✓
Quadro GV100	430.86	✓	✓	✓
Quadro GP100	430.86	✓	✓	✓
Quadro P6000	430.86	✓	✓	✓
Quadro P5000	430.86	✓	✓	✓
Quadro P4000	430.86	✓	✓	✓
Quadro P600	430.86	✓	✓	✓
Quadro P400	430.86	✓	✓	✓
Quadro P2000	430.86	✓	✓	✓
Quadro P1000	430.86	✓	✓	✓
Quadro M6000	430.86	✓	✓	✓
Quadro M5000	430.86	✓	✓	✓
Quadro M4000	430.86	✓	✓	✓
Quadro M2000	430.86	✓	✓	✓
Quadro M1200	430.86	✓	✓	✓
Quadro M620	430.86	✓	✓	✓
Quadro K6000	430.86	✓	✓	✓
Quadro K5200	430.86	✓	✓	✓
Quadro K5000	430.86	✓	✓	✓
Quadro K4200	430.86	✓	✓	✓
Quadro K4000	430.86	✓	✓	✓
Quadro K2200	430.86	✓	✓	✓
Quadro K2000	430.86	✓	✓	✓
Quadro K1200	430.86	✓	✓	✓
Quadro M5000M	430.86	✓	✓	✓
Quadro M4000M	430.86	✓	✓	✓



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NVIDIA®   TESTED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
GeForce RTX 2080	430.86	✓	✓	✓
GeForce RTX 2070	430.86	✓	✓	✓
GeForce RTX 2060	430.86	✓	✓	✓
GeForce GTX TITAN V	430.86	✓	✓	✓
GeForce GTX TITAN X (Pascal)	430.86	✓	✓	✓
GeForce GTX TITAN XP (Pascal)	430.86	✓	✓	✓
GeForce GTX 1080	430.86	✓	✓	✓
GeForce GTX 1070	430.86	✓	✓	✓
GeForce GTX 1060	430.86	✓	✓	✓
GTX TITAN X (Maxwell)	430.86	✓	✓	✓
GeForce GTX 980	430.86	✓	✓	✓
GeForce GTX 760	430.86	✓	✓	✓
GeForce GTX 680	430.86	✓	✓	✓
GeForce GTX 965M	430.86	✓	✓	✓
GeForce GTX 980M	430.86	✓	✓	✓
GeForce GTX 1050M	430.86	✓	✓	✓
Quadro M3000M	430.86	✓	✓	✓
Quadro M2000M	430.86	✓	✓	✓
Tesla M60 *	430.86	✓	✓	✓

AMD   CERTIFIED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Radeon Pro SSG*	19.Q2	✓	✓	✓
Radeon Pro WX 8200	19.Q2	✓	✓	✓
Radeon Pro WX 9100	19.Q2	✓	✓	✓
Radeon Pro WX 7100	19.Q2	✓	✓	✓
Radeon Pro WX 5100	19.Q2	✓	✓	✓
Radeon Pro WX 4100	19.Q2	✓	✓	✓
Radeon Pro WX 3100	19.Q2	✓	✓	✓
Radeon Pro WX 2100	19.Q2	✓	✓	✓
FirePro W9100	19.Q2	✓	✓	✓
FirePro W9000	19.Q2	✓	✓	✓
FirePro W8100	19.Q2	✓	✓	✓
FirePro W8000	19.Q2	✓	✓	✓



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FirePro W7100	19.Q2	✓	✓	✓
FirePro W7000	19.Q2	✓	✓	✓
FirePro W5100	19.Q2	✓	✓	✓
FirePro W5000	19.Q2	✓	✓	✓
FirePro W4300	19.Q2	✓	✓	✓
FirePro W2100	19.Q2	✓	✓	✓
Radeon Pro Duo	19.Q2	✓	✓	✓
Radeon Pro Duo Polaris	19.Q2	✓	✓	✓

AMD   TESTED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Radeon R9 290/X	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 280/X	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 Nano	Crimson Edition 16.6.2	✓	✓	✓
Radeon RX 480	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 270/X	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 390/X	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 380/X	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 370/X	Crimson Edition 16.6.2	✓	✓	✓
Radeon R9 Fury/X	Crimson Edition 16.6.2	✓	✓	✓

NOTES FOR AMD WINDOWS GRAPHICS: XGen hair renders incorrectly in the DirectX 11 viewport mode. Flickering may occur with GPU Override animation playback.

INTEL®   CERTIFIED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
HD 4400/4600/4700	15.36.28.4332	✓	✓	✓
Broadwell Iris Pro P6300	15.40.25.4463	✓	✓	✓
Skylake HD Graphics P530	24.20.100.6136	✓	✓	✓
Skylake Iris Pro Graphics P580	24.20.100.6136	✓	✓	✓
Kaby Lake HD Graphics P630	24.20.100.6136	✓	✓	✓

NOTES FOR INTEL WINDOWS GRAPHICS: Bifrost Aero voxels display incorrectly. This is a Maya limitation (MAYA-72099). In OpenGL Core Profile viewport mode, OpenSubdiv Adaptive geometry is corrupted (MAYA-60450).

NOTE ON ACTIVE STEREOSCOPIC VIEWPORT MODE: Only Quadro and FirePro GPUs support this mode.

\* NOTE ON RADEON PRO SSG: Windows 10 only



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## LINUX

RHEL 7.3 & 7.5 WS, CentOS 7.3 & 7.5

NVIDIA®   CERTIFIED Graphics for Linux				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Quadro RTX 8000	430.26	N/A	✓	✓
Quadro RTX 6000	430.26	N/A	✓	✓
Quadro RTX 5000	430.26	N/A	✓	✓
Quadro RTX 4000	430.26	N/A	✓	✓
Quadro GV100	430.26	N/A	✓	✓
Quadro GP100	430.26	N/A	✓	✓
Quadro P6000	430.26	N/A	✓	✓
Quadro P5000	430.26	N/A	✓	✓
Quadro P4000	430.26	N/A	✓	✓
Quadro P2000	430.26	N/A	✓	✓
Quadro P600	430.26	N/A	✓	✓
Quadro P400	430.26	N/A	✓	✓
Quadro M6000	430.26	N/A	✓	✓
Quadro K6000	430.26	N/A	✓	✓
Quadro K5000	430.26	N/A	✓	✓
Quadro K4000	430.26	N/A	✓	✓
Quadro K2000	430.26	N/A	✓	✓

AMD®   CERTIFIED Graphics for Linux				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Radeon Pro WX 9100	19.Q2	N/A	✓	✓
Radeon Pro WX 7100	19.Q2	N/A	✓	✓
Radeon Pro WX 5100	19.Q2	N/A	✓	✓
Radeon Pro WX 4100	19.Q2	N/A	✓	✓
Radeon Pro WX 3100	19.Q2	N/A	✓	✓
Radeon Pro WX 2100	19.Q2	N/A	✓	✓
FirePro W9100	19.Q2	N/A	✓	✓
FirePro W8100	19.Q2	N/A	✓	✓
FirePro W7100	19.Q2	N/A	✓	✓
FirePro W5100	19.Q2	N/A	✓	✓
FirePro W4300	19.Q2	N/A	✓	✓



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## MAC® OS X®

OS X 10.11.X, 10.12.X, 10.13.X, 10.14.X

NVIDIA®   CERTIFIED Graphics for Mac				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
GeForce GTX 680	Inherited by OS	N/A	✓	✓
Quadro K5000	Inherited by OS	N/A	✓	✓
Quadro 4000	Inherited by OS	N/A	✓	✓
GeForce GTX 775M	Inherited by OS	N/A	✓	✓
GeForce GTX 750M	Inherited by OS	N/A	✓	✓

NOTE FOR MAC NVIDIA GRAPHICS: 3D LUT display in Viewport 2.0 may have graphical artifacts or screen corruptions due to a Maya limitation (MAYA-40548). However, non-3D LUT display is supported.

AMD®   CERTIFIED Graphics for Mac				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
FirePro D500	Inherited by OS	N/A	✓	✓
FirePro D700	Inherited by OS	N/A	✓	✓
Radeon HD 6970M	Inherited by OS	N/A	✓	✓
Radeon R9 M290x	Inherited by OS	N/A	✓	✓

AMD®   TESTED Graphics for Mac				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Radeon HD 5770	Inherited by OS	N/A	✓	✓
Radeon HD 5870	Inherited by OS	N/A	✓	✓

\* NOTE ON NVIDIA TESLA M60: see <https://knowledge.autodesk.com/support/maya/learn-explore/caas/sfdarticles/sfdarticles/System-requirements-for-Autodesk-Maya-2019.html> for virtualization guide