



# Maya 2023, MtoA 5.1.x MotionBuilder & Mudbox 2023

Note: MtoA 3.2 and later versions contain Arnold GPU. Arnold GPU is supported by Nvidia Ampere, Turing, Volta, Pascal and Maxwell GPUs. Visit [this page](#) for more information.

## MICROSOFT® WINDOWS®

*Windows 10, Windows 11*

NVIDIA®   CERTIFIED Graphics Cards				
Viewport 2.0 Modes				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Quadro RTX A6000	511.09	✓	✓	✓
Quadro RTX A5000	511.09	✓	✓	✓
Quadro RTX A4000	511.09	✓	✓	✓
Quadro RTX A3000	511.09	✓	✓	✓
Quadro RTX 8000	511.09	✓	✓	✓
Quadro RTX 6000	511.09	✓	✓	✓
Quadro RTX 5000	511.09	✓	✓	✓
Quadro RTX 4000	511.09	✓	✓	✓
Quadro GV100	511.09	✓	✓	✓
Quadro GP100	511.09	✓	✓	✓
Quadro T2000	511.09	✓	✓	✓
Quadro T1000	511.09	✓	✓	✓
Quadro T2000 Mobile	511.09	✓	✓	✓
Quadro T1200 Mobile	511.09	✓	✓	✓
Quadro T600	511.09	✓	✓	✓
Quadro T500	511.09	✓	✓	✓
Quadro T400	511.09	✓	✓	✓
Quadro P6000	511.09	✓	✓	✓
Quadro P5000	511.09	✓	✓	✓
Quadro P4000	511.09	✓	✓	✓
Quadro P620	511.09	✓	✓	✓
Quadro P600	511.09	✓	✓	✓
Quadro P400	511.09	✓	✓	✓
Quadro P2200	511.09	✓	✓	✓
Quadro P2000	511.09	✓	✓	✓
Quadro P1000	511.09	✓	✓	✓
Quadro M6000	511.09	✓	✓	✓
Quadro M5000	511.09	✓	✓	✓
Quadro M4000	511.09	✓	✓	✓



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Quadro M2000	511.09	✓	✓	✓
Quadro M1200	511.09	✓	✓	✓
Quadro M620	511.09	✓	✓	✓
Quadro K6000	511.09	✓	✓	✓
Quadro K5200	511.09	✓	✓	✓
Quadro K5000	511.09	✓	✓	✓
Quadro K4200	511.09	✓	✓	✓
Quadro K4000	511.09	✓	✓	✓
Quadro M5000M	511.09	✓	✓	✓
Quadro M4000M	511.09	✓	✓	✓
Quadro M3000M	511.09	✓	✓	✓
Quadro M2000M	511.09	✓	✓	✓
Tesla M60 *	511.09	✓	✓	✓

NVIDIA®   TESTED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
GeForce RTX 3090	511.09	✓	✓	✓
GeForce RTX 3080	511.09	✓	✓	✓
GeForce RTX 3070	511.09	✓	✓	✓
GeForce RTX 2080ti	511.09	✓	✓	✓
GeForce RTX 2080	511.09	✓	✓	✓
GeForce RTX 2070	511.09	✓	✓	✓
GeForce RTX 2060	511.09	✓	✓	✓
GeForce RTX 1650	511.09	✓	✓	✓
GeForce GTX TITAN V	511.09	✓	✓	✓
GeForce GTX TITAN X (Pascal)	511.09	✓	✓	✓
GeForce GTX TITAN XP (Pascal)	511.09	✓	✓	✓
GeForce GTX 1080	511.09	✓	✓	✓
GeForce GTX 1070	511.09	✓	✓	✓
GeForce GTX 1060	511.09	✓	✓	✓
GTX TITAN X (Maxwell)	511.09	✓	✓	✓
GeForce GTX 980	511.09	✓	✓	✓
GeForce GTX 760	511.09	✓	✓	✓
GeForce GTX 680	511.09	✓	✓	✓
GeForce GTX 965M	511.09	✓	✓	✓
GeForce GTX 980M	511.09	✓	✓	✓
GeForce GTX 1050M	511.09	✓	✓	✓



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AMD   CERTIFIED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Radeon Pro VII*	22.Q1	✓	✓	✓
Radeon Pro W6800*	22.Q1	✓	✓	✓
Radeon Pro W6600*	22.Q1	✓	✓	✓
Radeon Pro W5700*	22.Q1	✓	✓	✓
Radeon Pro W5500*	22.Q1	✓	✓	✓
Radeon Pro SSG*	22.Q1	✓	✓	✓
Radeon Pro WX 8200	22.Q1	✓	✓	✓
Radeon Pro WX 9100	22.Q1	✓	✓	✓
Radeon Pro WX 7100	22.Q1	✓	✓	✓
Radeon Pro WX 5100	22.Q1	✓	✓	✓
Radeon Pro WX 4100	22.Q1	✓	✓	✓
Radeon Pro WX 3100	22.Q1	✓	✓	✓
Radeon Pro WX 2100	22.Q1	✓	✓	✓
FirePro W9100	22.Q1	✓	✓	✓
FirePro W9000	22.Q1	✓	✓	✓
FirePro W8100	22.Q1	✓	✓	✓
FirePro W8000	22.Q1	✓	✓	✓
FirePro W7100	22.Q1	✓	✓	✓
FirePro W7000	22.Q1	✓	✓	✓
FirePro W5100	22.Q1	✓	✓	✓
FirePro W5000	22.Q1	✓	✓	✓
FirePro W4300	22.Q1	✓	✓	✓
FirePro W2100	22.Q1	✓	✓	✓
Radeon Pro Duo	22.Q1	✓	✓	✓
Radeon Pro Duo Polaris	22.Q1	✓	✓	✓
Radeon Pro V520 MxGPU **	20.10.25.04	✓	✓	✓

\* Windows 10+ only

\*\* Tested with Maya only, using AWS G4ad. VM OS: Win S2019 (1 VF), via Remote Desktop Protocol.  
See <https://www.amd.com/en/graphics/workstation-virtual-graphics-amazon-g4ad> for more information



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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	✓	✓	✓
Sky Lake HD Graphics P530	24.20.100.6136	✓	✓	✓
Sky Lake Iris Pro Graphics P580	24.20.100.6136	✓	✓	✓
Kaby Lake HD Graphics P630	24.20.100.6136	✓	✓	✓
Coffee Lake UHD Graphics P630	26.20.100.7372	✓	✓	✓

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.



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## LINUX

*RHEL 7.6-7.9, 8.5 WS, CentOS 7.6-7.9, 8.5, Rocky Linux 8.5*

NVIDIA®   CERTIFIED Graphics for Linux				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Quadro RTX A6000	495.46	N/A	✓	✓
Quadro RTX 8000	495.46	N/A	✓	✓
Quadro RTX 6000	495.46	N/A	✓	✓
Quadro RTX 5000	495.46	N/A	✓	✓
Quadro RTX 4000	495.46	N/A	✓	✓
Quadro GV100	495.46	N/A	✓	✓
Quadro GP100	495.46	N/A	✓	✓
Quadro P6000	495.46	N/A	✓	✓
Quadro P5000	495.46	N/A	✓	✓
Quadro P4000	495.46	N/A	✓	✓
Quadro P2000	495.46	N/A	✓	✓
Quadro P600	495.46	N/A	✓	✓
Quadro P400	495.46	N/A	✓	✓
Quadro M6000	495.46	N/A	✓	✓
Quadro K6000	495.46	N/A	✓	✓
Quadro K5000	495.46	N/A	✓	✓
Quadro K4000	495.46	N/A	✓	✓



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AMD®   CERTIFIED Graphics for Linux				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
Radeon Pro VII	22.Q1	N/A	✓	✓
Radeon Pro W5700	22.Q1	N/A	✓	✓
Radeon Pro W5500	22.Q1	N/A	✓	✓
Radeon Pro WX 9100	22.Q1	N/A	✓	✓
Radeon Pro WX 7100	22.Q1	N/A	✓	✓
Radeon Pro WX 5100	22.Q1	N/A	✓	✓
Radeon Pro WX 4100	22.Q1	N/A	✓	✓
Radeon Pro WX 3100	22.Q1	N/A	✓	✓
Radeon Pro WX 2100	22.Q1	N/A	✓	✓
FirePro W9100	22.Q1	N/A	✓	✓
FirePro W8100	22.Q1	N/A	✓	✓
FirePro W7100	22.Q1	N/A	✓	✓
FirePro W5100	22.Q1	N/A	✓	✓
FirePro W4300	22.Q1	N/A	✓	✓

NVIDIA®   TESTED Graphics Cards				
	Driver Version	DirectX 11	OpenGL Legacy	OpenGL Core Profile
GeForce RTX 3090	495.46	N/A	✓	✓
GeForce RTX 3080	495.46	N/A	✓	✓
GeForce RTX 3070	495.46	N/A	✓	✓
GeForce RTX 2080ti	495.46	N/A	✓	✓
GeForce RTX 2080	495.46	N/A	✓	✓
GeForce RTX 2070	495.46	N/A	✓	✓
GeForce RTX 2060	495.46	N/A	✓	✓
GeForce RTX 1650	495.46	N/A	✓	✓
GeForce GTX TITAN V	495.46	N/A	✓	✓
GeForce GTX TITAN X (Pascal)	495.46	N/A	✓	✓
GeForce GTX TITAN XP (Pascal)	495.46	N/A	✓	✓
GeForce GTX 1080	495.46	N/A	✓	✓
GeForce GTX 1070	495.46	N/A	✓	✓
GeForce GTX 1060	495.46	N/A	✓	✓



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## MAC® OS®

OS 10.14.X, 10.15.X, 11.X, 12.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 Pro Vega II Duo	Inherited by OS	N/A	✓	✓
Radeon Pro Vega II	Inherited by OS	N/A	✓	✓
Radeon HD 5770	Inherited by OS	N/A	✓	✓
Radeon HD 5870	Inherited by OS	N/A	✓	✓