

Maya 2019.2, MtoA 3.2+ MotionBuilder & Mudbox 2019

Note: MtoA 3.2 and later versions contain 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 STEREOSCOPIIC 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