

# M Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

Note: MtoA 3.2 and later versions contain Arnold GPU. 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                    | 441.28         | ✓          | ✓             | ✓                   |
| Quadro RTX 6000                    | 441.28         | ✓          | ✓             | ✓                   |
| Quadro RTX 5000                    | 441.28         | ✓          | ✓             | ✓                   |
| Quadro RTX 4000                    | 441.28         | ✓          | ✓             | ✓                   |
| Quadro GV100                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro GP100                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P6000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P5000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P4000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P600                        | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P400                        | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P2000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro P1000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M6000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M5000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M4000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M2000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M1200                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M620                        | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K6000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K5200                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K5000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K4200                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K4000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K2200                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K2000                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro K1200                       | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M5000M                      | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M4000M                      | 441.28         | ✓          | ✓             | ✓                   |



# Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

| NVIDIA®   TESTED Graphics Cards |                |            |               |                     |
|---------------------------------|----------------|------------|---------------|---------------------|
|                                 | Driver Version | DirectX 11 | OpenGL Legacy | OpenGL Core Profile |
| GeForce RTX 2080ti              | 441.28         | ✓          | ✓             | ✓                   |
| GeForce RTX 2080                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce RTX 2070                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce RTX 2060                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX TITAN V             | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX TITAN X (Pascal)    | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX TITAN XP (Pascal)   | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 1080                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 1070                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 1060                | 441.28         | ✓          | ✓             | ✓                   |
| GTX TITAN X (Maxwell)           | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 980                 | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 760                 | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 680                 | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 965M                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 980M                | 441.28         | ✓          | ✓             | ✓                   |
| GeForce GTX 1050M               | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M3000M                   | 441.28         | ✓          | ✓             | ✓                   |
| Quadro M2000M                   | 441.28         | ✓          | ✓             | ✓                   |
| Tesla M60 *                     | 441.28         | ✓          | ✓             | ✓                   |

| AMD   CERTIFIED Graphics Cards |                |            |               |                     |
|--------------------------------|----------------|------------|---------------|---------------------|
|                                | Driver Version | DirectX 11 | OpenGL Legacy | OpenGL Core Profile |
| Radeon Pro W 5700*             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro W 5500*             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro SSG*                | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 8200             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 9100             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 7100             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 5100             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 4100             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 3100             | 19.Q4          | ✓          | ✓             | ✓                   |
| Radeon Pro WX 2100             | 19.Q4          | ✓          | ✓             | ✓                   |



# Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

|                        |       |   |   |   |
|------------------------|-------|---|---|---|
| FirePro W9100          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W9000          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W8100          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W8000          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W7100          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W7000          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W5100          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W5000          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W4300          | 19.Q4 | ✓ | ✓ | ✓ |
| FirePro W2100          | 19.Q4 | ✓ | ✓ | ✓ |
| Radeon Pro Duo         | 19.Q4 | ✓ | ✓ | ✓ |
| Radeon Pro Duo Polaris | 19.Q4 | ✓ | ✓ | ✓ |

| 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.



# Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

| 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 STEREOSCOPIIC VIEWPORT MODE: Only Quadro and FirePro GPUs support this mode.

\* NOTE ON RADEON PRO SSG and WX 5700: Windows 10 only



# Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

## LINUX

RHEL 7.3-7.7 WS, CentOS 7.3-7.7

| NVIDIA®   CERTIFIED Graphics for Linux |                |            |               |                     |
|--|----------------|------------|---------------|---------------------|
|  | Driver Version | DirectX 11 | OpenGL Legacy | OpenGL Core Profile |
| Quadro RTX 8000                        | 440.36         | N/A        | ✓             | ✓                   |
| Quadro RTX 6000                        | 440.36         | N/A        | ✓             | ✓                   |
| Quadro RTX 5000                        | 440.36         | N/A        | ✓             | ✓                   |
| Quadro RTX 4000                        | 440.36         | N/A        | ✓             | ✓                   |
| Quadro GV100                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro GP100                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro P6000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro P5000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro P4000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro P2000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro P600                            | 440.36         | N/A        | ✓             | ✓                   |
| Quadro P400                            | 440.36         | N/A        | ✓             | ✓                   |
| Quadro M6000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro K6000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro K5000                           | 440.36         | N/A        | ✓             | ✓                   |
| Quadro K4000                           | 440.36         | N/A        | ✓             | ✓                   |

| AMD®   CERTIFIED Graphics for Linux |                |            |               |                     |
|-------------------------------------|----------------|------------|---------------|---------------------|
|                                     | Driver Version | DirectX 11 | OpenGL Legacy | OpenGL Core Profile |
| Radeon Pro WX 9100                  | 19.Q4          | N/A        | ✓             | ✓                   |
| Radeon Pro WX 7100                  | 19.Q4          | N/A        | ✓             | ✓                   |
| Radeon Pro WX 5100                  | 19.Q4          | N/A        | ✓             | ✓                   |
| Radeon Pro WX 4100                  | 19.Q4          | N/A        | ✓             | ✓                   |
| Radeon Pro WX 3100                  | 19.Q4          | N/A        | ✓             | ✓                   |
| Radeon Pro WX 2100                  | 19.Q4          | N/A        | ✓             | ✓                   |
| FirePro W9100                       | 19.Q4          | N/A        | ✓             | ✓                   |
| FirePro W8100                       | 19.Q4          | N/A        | ✓             | ✓                   |
| FirePro W7100                       | 19.Q4          | N/A        | ✓             | ✓                   |
| FirePro W5100                       | 19.Q4          | N/A        | ✓             | ✓                   |
| FirePro W4300                       | 19.Q4          | N/A        | ✓             | ✓                   |



# Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

| NVIDIA®   TESTED Graphics Cards |                |            |               |                     |
|---------------------------------|----------------|------------|---------------|---------------------|
|                                 | Driver Version | DirectX 11 | OpenGL Legacy | OpenGL Core Profile |
| GeForce RTX 2080ti              | 440.36         | ✓          | ✓             | ✓                   |
| GeForce RTX 2080                | 440.36         | ✓          | ✓             | ✓                   |
| GeForce RTX 2070                | 440.36         | ✓          | ✓             | ✓                   |
| GeForce RTX 2060                | 440.36         | ✓          | ✓             | ✓                   |
| GeForce GTX TITAN V             | 440.36         | ✓          | ✓             | ✓                   |
| GeForce GTX TITAN X (Pascal)    | 440.36         | ✓          | ✓             | ✓                   |
| GeForce GTX TITAN XP (Pascal)   | 440.36         | ✓          | ✓             | ✓                   |
| GeForce GTX 1080                | 440.36         | ✓          | ✓             | ✓                   |
| GeForce GTX 1070                | 440.36         | ✓          | ✓             | ✓                   |
| GeForce GTX 1060                | 440.36         | ✓          | ✓             | ✓                   |



# Maya 2020, MtoA 4.0.x MotionBuilder & Mudbox 2020

## MAC® OS X®

OS X 10.13.x, 10.14.x, 10.15.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/sfdcarticles/sfdcarticles/System-requirements-for-Autodesk-Maya-2020.html> for virtualization guide