

FUJITSU Workstation CELSIUS

ISV Certification Overview – March 2022



Overview

ISV stands for Independent Software Vendor. ISVs are developing specific software for workflow scenarios. Fujitsu is working with the ISVs on a workstation certification program to ensure that the software works flawless on the hardware. It ensures that the ISV supports FUJITSU CELSIUS workstations in case of a problem. ISV certifications are giving the customer peace of mind when it comes to buying reliable workstations.

What are certified ISV applications?

Fujitsu is working with industry leading application vendors and is participating in formal certification programs. These programs include tests, benchmarks and online documentation of the certified hardware. The ISVs will grant support for certified hardware configurations.

What are supported ISV applications?

Some ISVs do not offer workstation certification programs for their software. Instead they are providing system requirements for workstation configurations to run their demanding software applications effectively.

FUJITSU CELSIUS workstations offer a wide range of configuration options in terms of CPU, memory, storage and professional graphics technology. With two mobile and varios deskbound models, the FUJITSU CELSIUS workstations meet the requirements of nearly all application scenarios.

As the graphics card and the corresponding driver play an important role, please refer to Nvidia and AMDs certified driver website to download the latest certified driver as well as ISV tested applications.

FUJITSU CELSIUS workstations: <https://www.fujitsu.com/emeia/products/computing/pc/workstations/index.html>

AMD FirePro and Radeon Pro WX: <https://www.amd.com/en/support/certified-drivers>

NVIDIA Quadro: <https://www.nvidia.com/download/index.aspx?lang=en-us>

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ISV Certifications at a glance

Engineering

Dassault Systèmes

The On Premises & On The Cloud Certified Workstations apply to:

- **3DEXPERIENCE.** All native apps from: 3DEXPERIENCE Platform, CATIA, DELMIA, ENOVIA, SIMULIA, SOLIDWORKS*, GEOVIA and BIOVIA
- **V6 Certifications.** All rich connected clients products from: ENOVIA VPM Central (including all its add on products), CATIA, DELMIA, SIMULIA, 3DLive
- **V5 Certifications.** All rich clients products from: CATIA, DELMIA, ENOVIA DMU, ENOVIA 3d Com Classic, ENOVIA 3d Com modular, ENOVIA VPM Product Editor, ENOVIA VPM Navigator

The certified hardware configurations can be found here:

<http://www.3ds.com/support/certified-hardware/certified-hardware-configuration/>

*For the Dassault Systèmes SOLIDWORKS 3D CAD application, the certified Workstations are shown at the following site: <https://www.solidworks.com/sw/support/videocardtesting.html>

CELSIUS W5010

Application	Version	OS	Graphics
CATIA	V5-6R2018, V5-6R2019, V5-6R2020, V5-6R2021	Windows 10 64-bit	Quadro P2200
SolidWorks		Windows 10 64-bit	Quadro P2200

CELSIUS H7510

Application	Version	OS	Graphics
CATIA	V5-6R2018, V5-6R2019, V5-6R2020, V5-6R2021	Windows 10 64-bit	NVIDIA T2000
SolidWorks		Windows 10 64-bit	NVIDIA T2000 → Ongoing

CELSIUS M7010

Application	Version	OS	Graphics
SolidWorks	2021	Windows 10 64-bit	Quadro RTX4000

CELSIUS J5010

Application	Version	OS	Graphics
CATIA	V5-6R2018, V5-6R2019, V5-6R2020, V5-6R2021	Windows 10 64-bit	Quadro P1000
SolidWorks		Windows 10 64-bit	Quadro P1000

CELSIUS C780

Application	Version	OS	Graphics
CATIA	V5-6R2017, V5-6R2018, V5-6R2019	Windows 10 64-bit	Quadro P2200

CELSIUS J580

Application	Version	OS	Graphics
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10 64-bit	Quadro P1000
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10 64-bit	Quadro P2000
CATIA	V5-6R2017, V5-6R2018, V5-6R2019	Windows 10 64-bit	Quadro P2200
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P1000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P2000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P2200

CELSIUS W580

Application	Version	OS	Graphics
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10 64-bit	Quadro P1000
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10 64-bit	Quadro P2000
CATIA	V5-6R2017, V5-6R2018, V5-6R2019	Windows 10 64-bit	Quadro P2200
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P1000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P2000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P2200

CELSIUS H780

Application	Version	OS	Graphics
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10 64-bit	Quadro P2000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro P2000

CELSIUS H980

Application	Version	OS	Graphics
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10	Quadro P4200

CELSIUS M770

Application	Version	OS	Graphics
SolidWorks	2016, 2017, 2018	Windows 10 64-bit	Quadro P4000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro RTX4000
SolidWorks	2017, 2018, 2019	Windows 10 64-bit	Quadro RTX5000
CATIA	V5-6R2016, V5-6R2017, V5-6R2018	Windows 10 64-bit	Quadro P4000
CATIA	V5-6R2017, V5-6R2018, V5-6R2019	Windows 10 64-bit	Quadro RTX4000

PTC

The PTC certified Workstations are shown at the following site:
<http://support.ptc.com/partners/hardware/current/support.htm>

The certification for Creo version n include the $n+2$ versions and is covering the "Creo Parametric" and "Creo Direct" applications as well as its included modules.

CELSIUS M7010

Application	Version	OS	Graphics
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro RTX4000
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro RTX5000

CELSIUS H7510

Application	Version	OS	Graphics
Creo	7.0.0.0 and higher	Windows 10 64-bit	NVIDIA T2000

CELSIUS W5010

Application	Version	OS	Graphics
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P2200
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P1000
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P640
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P400

CELSIUS J5010

Application	Version	OS	Graphics
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P2200
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P1000
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P620
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro P400

CELSIUS C780

Application	Version	OS	Graphics
Creo	4.0, 5.0, 6.0	Windows 10 64-bit	Quadro P2200

CELSIUS W580

Application	Version	OS	Graphics
Creo	5.0, 6.0	Windows 10 64-bit	Quadro P2000
Creo	4.0, 5.0, 6.0	Windows 10 64-bit	Quadro P2200

CELSIUS W550

Application	Version	OS	Graphics
Creo	4.0, 5.0, 6.0, 7.0	Windows 10 64-bit	Quadro K2200
Creo	2.0, 3.0, 4.0	Windows 10 64-bit	Quadro P2000

CELSIUS H780

Application	Version	OS	Graphics
Creo	5.0, 6.0	Windows 10 64-bit	Quadro P2000

CELSIUS H980

Application	Version	OS	Graphics
Creo	5.0, 6.0	Windows 10 64-bit	Quadro P4200

CELSIUS M770

Application	Version	OS	Graphics
Creo	2.0, 3.0, 4.0	Windows 10 64-bit	Quadro P4000
Creo	4.0, 5.0, 6.0	Windows 10 64-bit	Quadro RTX4000

CELSIUS J580

Application	Version	OS	Graphics
Creo	5.0, 6.0	Windows 10	Quadro P400
Creo	5.0, 6.0	Windows 10	Quadro P620
Creo	5.0, 6.0	Windows 10	Quadro P1000
Creo	4.0, 5.0, 6.0	Windows 10	Quadro P2200

Siemens Digital Industries

Hardware and Software certifications of SIEMENS Digital Industries (formerly known as Siemens PLM) Software line NX or Solid Edge can be found here:

http://www.plm.automation.siemens.com/en_us/support/gtac/certifications.shtml

For the detailed list about Workstation Hardware Certifications can be found on the right side under "Hardware (Graphics Card) Certifications".

CELSIUS H7510

Application	Version	OS	Graphics
Solid Edge	Solid Edge 2021 - 2022	Windows 10 64-bit	NVIDIA T2000

CELSIUS W5010

Application	Version	OS	Graphics
Solid Edge	2021	Windows 10 64-bit	Quadro P2200

CELSIUS J5010

Application	Version	OS	Graphics
Solid Edge	2021	Windows 10 64-bit	Quadro P1000

CELSIUS R970

Application	Version	OS	Graphics
NX	11, 12	Windows 10 64-bit	Quadro P5000

CELSIUS H780

Application	Version	OS	Graphics
Solid Edge	2019	Windows 10 64-bit	Quadro P2000

CELSIUS H980

Application	Version	OS	Graphics
NX	11, 12	Windows 10 64-bit	Quadro P3200
NX	11, 12	Windows 10 64-bit	Quadro P4200
NX	11, 12	Windows 10 64-bit	Quadro P4200

CELSIUS M770

Application	Version	OS	Graphics
NX	11, 12	Windows 10 64-bit	Quadro P4000
NX	11, 12	Windows 10 64-bit	Quadro RTX4000

CELSIUS W580

Application	Version	OS	Graphics
Solid Edge	2019	Windows 10 64-bit	Quadro P1000
Solid Edge	2019	Windows 10 64-bit	Quadro P2000
Solid Edge	2020	Windows 10 64-bit	Quadro P2200
NX	11, 12	Windows 10 64-bit	Quadro P1000
NX	11, 12	Windows 10 64-bit	Quadro P2000
NX	11, 12	Windows 10 64-bit	Quadro P2200
NX	11, 12	Windows 10 64-bit	Quadro P4000

CELSIUS J580

Application	Version	OS	Graphics
Solid Edge	2019	Windows 10 64-bit	Quadro P1000
Solid Edge	2019	Windows 10 64-bit	Quadro P2000
Solid Edge	2020	Windows 10 64-bit	Quadro P2200
NX	11, 12	Windows 10 64-bit	Quadro P1000
NX	11, 12	Windows 10 64-bit	Quadro P2000

Allplan GmbH

The certified Workstations are shown at the following site:
<https://connect.allplan.com/support/certified-hardware.html>

CELSIUS W5010

Application	Version	OS	Graphics
AllPlan	2019-1-16/2020-1-11/2021-1-3	Windows 10 64-bit	Quadro P2200

CELSIUS H7510

Application	Version	OS	Graphics
AllPlan	2020-1, 2021-1, 2022	Windows 10 64-bit	NVIDIA T2000

CELSIUS M7010

Application	Version	OS	Graphics
AllPlan	2018-1-11, 2019-1-13, 2020-1-3	Windows 10 64-bit	Quadro RTX4000

CELSIUS J5010

Application	Version	OS	Graphics
AllPlan	2019-1-16/2020-1-11/2021-1-3	Windows 10 64-bit	Quadro P1000

CELSIUS R970

Application	Version	OS	Graphics
AllPlan	2018-1-11, 2019-1-13, 2020-1-3	Windows 10 64-bit	Quadro RTX6000
AllPlan	2018-1, 2019-1, 2020-1	Windows 10 64-bit	Quadro RTX6000

CELSIUS C780

Application	Version	OS	Graphics
AllPlan	2018-1-11, 2019-1-8, 2020-0-2	Windows 10 64-bit	Quadro P2200

CELSIUS H780

Application	Version	OS	Graphics
AllPlan	2017, 2018-1, 2019	Windows 10 64-bit	Quadro P2000

CELSIUS H980

Application	Version	OS	Graphics
AllPlan	2017, 2018-1, 2019	Windows 10 64-bit	Quadro P4200

CELSIUS J580

Application	Version	OS	Graphics
AllPlan	2016-1-12, 2017-1-13, 2018-1-6, 2019-0-0	Windows 10 64-bit	Quadro P1000

CELSIUS W580

Application	Version	OS	Graphics
AllPlan	2016-1-12, 2017-1-13, 2018-1-6, 2019-0-0	Windows 10 64-bit	Quadro P2000
AllPlan	2018-1-11, 2019-1-17, 2020-0-0	Windows 10 64-bit	Quadro P2200

CELSIUS M770

Application	Version	OS	Graphics
AllPlan	2016-1-12, 2017-1-13, 2018-1-6, 2019-0-0	Windows 10 64-bit	Quadro P4000
AllPlan	2018-1-11, 2019-1-17, 2020-0-0	Windows 10 64-bit	Quadro RTX4000

Supported ISV Applications

Geo Information Software

Schlumberger

Schlumberger is not maintaining a workstation certification program for their software.

- For *Petrel*, system requirements are mentioned in the Petrel Platform Release notes and in the Petrel Installation Guide, available for customers at the Schlumberger Software Support site at <http://support.software.slb.com/>).
- For *GeoFrame*, the tested hardware is mentioned in the GeoFrame Release Notes document, available for customers at the Schlumberger Software Support site at <http://support.software.slb.com/>)
- For *ECLIPSE*, the Windows / Linux platform requirements are mentioned in the ECLIPSE Release notes information, available for customers at the Schlumberger Software Support site at <http://support.software.slb.com/>)
- For *Oilfield Manager (OFM)*, Schlumberger does not offer hardware certifications.

Paradigm

Paradigm is not maintaining a workstation certification program for their software.

For *Epos*, hardware and software (Windows/Linux) requirements are mentioned on the Paradigm Epos website: <http://www.pdgm.com/products/epos/>

ISV tested and supported NVIDIA GRID graphics card drivers for dedicated and virtual GPU are posted on NVIDIA's website: <http://www.nvidia.com/object/grid-isv-tested-applications.html>

Certified NVIDIA graphics card drivers for *Paradigm* software products are posted on NVIDIA's website: <http://www.nvidia.com/object/quadro-certified-drivers.html>

Halliburton Landmark

Halliburton Landmark is not maintaining a workstation certification program for their software.

The hardware and software (Windows/Linux) for *OpenWorks R5000* are mentioned in the datasheet available from: <https://www.landmarksoftware.com/Pages/OpenWorksDatabaseApplication.aspx>

Esri

Esri is not maintaining a workstation certification program for their software.

The system requirements for *ArcGIS* are mentioned on the following site:

<http://www.esri.com/software/arcgis/arcgis-for-desktop/system-requirements>.

Certified NVIDIA graphics card drivers for *Esri ArcGIS* are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

ISV tested and supported NVIDIA GRID graphics card drivers for dedicated and virtual GPU are posted on NVIDIA's website: <http://www.nvidia.com/object/grid-isv-tested-applications.html>

Certified AMD graphics card drivers for *Esri ArcGIS* are posted on AMD's website:

<http://support.amd.com/en-us/download/workstation/certified>

Media and Entertainment

Autodesk

Adobe was maintaining a workstation certification program for their software but discontinued the program from Summer 2015 onwards. For the 3dsMax and Maya applications Autodesk will only focus on GPU certifications from Summer 2015 and will list minimum system requirements and GPU/driver certification details.

The system requirements for the individual applications are mentioned on the following sites:

3dsMax:

<http://knowledge.autodesk.com/support/3ds-max/troubleshooting/caas/sfdarticles/sfdarticles/System-requirements-for-Autodesk-3ds-Max-products.html>

Maya:

<http://knowledge.autodesk.com/support/maya/troubleshooting/caas/sfdarticles/sfdarticles/System-requirements-for-Autodesk-Maya.html>

Certified NVIDIA graphics card drivers for *Autodesk* software products are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

Certified AMD graphics card drivers for *Autodesk* software products are posted on AMD's website:

<http://support.amd.com/en-us/download/workstation/certified>

MAXON Computer

MAXON computer is not maintaining a workstation certification program for their software like Cinema 4D.

The system requirements for *Cinema 4D* and *BodyPaint 3D* are mentioned on the following site:

<https://www.maxon.net/en/products/infosites/system-requirements/>

Certified NVIDIA graphics card drivers for *cinema 4D* are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

Certified AMD graphics card drivers for *cinerma 4D* are posted on AMD's website:
<http://support.amd.com/en-us/download/workstation/certified>

Adobe

Adobe is not maintaining a workstation certification program for their software.

The system requirements for the individual applications are mentioned on the following sites:

After Effects CC: <https://helpx.adobe.com/after-effects/system-requirements.html>

DreamWeaver CC: <https://helpx.adobe.com/dreamweaver/system-requirements.html>

Illustrator CC: <https://helpx.adobe.com/illustrator/system-requirements.html>

InDesign CC: <https://helpx.adobe.com/de/indesign/system-requirements.html>

Photoshop CC: <https://helpx.adobe.com/de/photoshop/system-requirements.html>

Premiere Pro CC: <https://helpx.adobe.com/de/premiere-pro/system-requirements.html>

Certified NVIDIA graphics card drivers for *Adobe* software products are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

ISV tested and supported NVIDIA GRID graphics card drivers for dedicated and virtual GPU are posted on NVIDIA's website: <http://www.nvidia.com/object/grid-isv-tested-applications.html>

Certified AMD graphics card drivers for *Adobe* software products are posted on AMD's website:

<http://support.amd.com/en-us/download/workstation/certified>

Avid

Although Avid is maintaining a workstation certification program for their software, Avid cannot specifically test all configurations and vendors. Avid does not give Fujitsu any possibility to obtain workstation certifications for their software. Avid is providing minimum system requirements for running their applications effectively.

The system requirements for the Media Composer software are mentioned on the following site:

http://avid.force.com/pkb/articles/en_US/compatibility/Media-Composer-System-Requirements

Certified NVIDIA graphics card drivers for *Avid Media Composer* software products are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

Certified AMD graphics card drivers for *Avid Media Composer* software products are posted on AMD's website:

<http://support.amd.com/en-us/download/workstation/certified>

Electronic Design Automation

Cadence

Cadence is not maintaining a workstation certification program for their software.

The hardware platform and software (UNIX or Windows based) requirements for Cadence software products are mentioned on the following site: <http://www.cadence.com/support/computing/pages/default.aspx>

Detailed system requirements for *Allegro* are mentioned in the product documentation at:

<https://lost-contact.mit.edu/afs/wam.umd.edu/department/enee/software/cadence.2007.08/SPB1601/doc/pcbsystemreqs/chap1.html>

Mentor Graphics

Mentor Graphics is not maintaining a workstation certification program for their software.

System Requirements for *Mentor Graphics* applications like *Caliber* and *Xpedition Enterprise* are mentioned on the following site: <https://supportnet.mentor.com/systemreqs.html>

Engineering

Autodesk

Autodesk is maintaining a workstation certification program only for specific software. Please refer to the section "ISV Certifications at a glance". For other applications, please see the following:

Alias 2019 system requirements are mentioned on the following site:

<https://knowledge.autodesk.com/support/alias-products/learn-explore/caas/sfdcarticles/sfdcarticles/System-requirements-for-Autodesk-Alias-2019-products.html>

Certified NVIDIA graphics card drivers for *Autodesk Alias* are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

Certified AMD graphics card drivers for *Autodesk Alias* are posted on AMD's website:

<http://support.amd.com/en-us/download/workstation/certified>

Bentley Systems

Bentley is not maintaining a workstation certification program for their software.

MicroStation V8i system requirements and hardware recommendations for 2D and 3D workflows are mentioned on the following site:

http://communities.bentley.com/products/microstation/w/microstation_wiki/4175.microstation-v8i-system-requirements-and-hardware-recommendations-tn

Certified NVIDIA graphics card drivers for *Bentley Systems MicroStation* are posted on NVIDIA's website:

<http://www.nvidia.com/object/quadro-certified-drivers.html>

Certified AMD graphics card drivers for *Bentley Systems MicroStation* are posted on AMD's website:

<http://support.amd.com/en-us/download/workstation/certified>

Tebis

Tebis is not maintaining a workstation certification program for their software.

Tebis software system requirements and hardware recommendations are mentioned on the following site:
<https://www.tebis.com/en/services/support/system-requirements-and-hardware-recommendations/>

Nemetschek

Nemetschek is not maintaining a workstation certification program for their software. However, Nemetschek has tested and certified FUJITSU CELSIUS Workstations for AllPlan and issued certification documents. Please refer to section "**Error! Reference source not found.**" on page **Error! Bookmark not defined.** for the certified configurations.

AllPlan 2017 system requirements and hardware recommendations are mentioned on the following site:
<https://connect.allplan.com/de/support/sysinfo/2017.html>

Certified Graphics cards for Nemetschek AllPlan are listed on the following site:
<http://www.allplan.com/info/graphiccards>

Certified NVIDIA graphics card drivers for *Nemetschek AllPlan* are posted on NVIDIA's website:
<http://www.nvidia.com/object/quadro-certified-drivers.html>

Certified AMD graphics card drivers for *Nemetschek AllPlan* are posted on AMD's website:
<http://support.amd.com/en-us/download/workstation/certified>

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