

Device Name	Generation	Platform	Min. CST Version
RTX A5500	Ampere	Workstation	2022 SP5
RTX A4500	Ampere	Workstation	2022 SP5
Tesla A100-SXM4-80GB	Ampere	Server	2021 SP5
Tesla A100-PCIE-80GB	Ampere	Server	2021 SP5
Tesla A30	Ampere	Server	2021 SP5
Tesla A10 ³	Ampere	Server	2021 SP5
Tesla A16 ³	Ampere	Server	2021 SP5
Tesla A40 ³	Ampere	Server	2021 SP5
RTX A6000 ³	Ampere	Workstation	2021 SP5
RTX A5000 ³	Ampere	Workstation	2021 SP5
RTX A4000 ³	Ampere	Workstation	2021 SP5
A100-SXM4-40GB	Ampere	Server	2021 release
A100-PG509-200	Ampere	Server	2021 release
A100-PCIE-40GB	Ampere	Server	2021 release
Quadro RTX 8000 ³	Turing	Workstation	2019 SP6
Quadro RTX 6000 ³	Turing	Workstation	2019 SP6
Quadro RTX 5000 ³	Turing	Workstation	2019 SP6
Quadro RTX 4000 ³	Turing	Workstation	2019 SP6
Tesla T4 ³	Turing	Server	2021
Quadro GV100	Volta	Workstation	2018 SP6
Tesla V100-SXM2-32GB (Chip)	Volta	Server	2018 SP6
Tesla V100-PCIE-32GB	Volta	Server	2018 SP6
Tesla V100-SXM2-16GB (Chip)	Volta	Server	2018 SP1
Tesla V100-PCIE-16GB	Volta	Server	2018 SP1
Tesla P100-SXM2 (Chip)	Pascal	Server	2017 release
Tesla P100-PCIE-16GB	Pascal	Server	2017 release
Tesla P100 16GB	Pascal	Server	2017 release
Tesla P100-PCIE-12GB	Pascal	Servers	2017 SP2
Quadro P6000 ³	Pascal	Workstation	2017 SP 2
Quadro GP100	Pascal	Workstation	2017 SP2
Tesla P40 ³	Pascal	Server	2018 release
Tesla P4 ³	Pascal	Server	2018 release
Tesla M60 ^{3 4}	Maxwell	Server/Workst.	2016 SP4
Tesla M40 ^{3 4}	Maxwell	Server	2016 SP4
Quadro M6000 24GB ^{3 4}	Maxwell	Workstation	2016 SP4
Quadro M6000 ^{3 4}	Maxwell	Workstation	2015 SP4
Tesla K80 ⁴	Kepler	Server	2014 SP6
Tesla K40 m/c/s/st/d/t ⁴	Kepler	Server/Workst.	2013 SP5
Quadro K6000 ⁴	Kepler	Workstation	2013 SP4
Tesla K20 m/c/s/X ⁴	Kepler	Server/Workst.	2013 release

³ **Important:** GPU device with reduced double precision performance; please check chapter 2

Device Name	Memory (GB)	Bandwidth (GB/s)	FP32 (TFlops)	FP64 (TFlops)
RTX A5500	24	768	34.7	1.0
RTX A4500	20	640	23.7	0.74
Tesla A100-SXM4-80GB	80	2000	19.5	9.7
Tesla A100-PCIE-80GB	80	2000	19.5	9.7
Tesla A30	24	933	10.3	5.3
Tesla A10	24	600	31	1
Tesla A16	16 x4	232 x4	8.6 x4	0.271 x4
Tesla A40	48	695	37	1.1
RTX A6000	48	768	40	1.25
RTX A5000	24	768	27.7	0.9
RTX A4000	16	448	19.2	0.6
Tesla A100-SXM4-40GB	40	1550	19.5	9.7
Tesla A100-PG509-200	40	1550	19.5	9.7
Tesla A100-PCIE-40GB	40	1550	19.5	9.7
Quadro RTX 8000	48	672	16	0.5
Quadro RTX 6000	24	672	16	0.5
Quadro RTX 5000	16	448	11	0.35
Quadro RTX 4000	8	416	7.1	0.22
Tesla T4	16	320	8	0.25
Quadro GV100	32	900	14	7
Tesla V100-SXM2-32GB	32	900	15	7.5
Tesla V100-PCIE-32GB	32	900	14	7
Tesla V100-SXM2-16GB	16	900	15	7.5
Tesla V100-PCIE-16GB	16	900	14	7
Tesla P100-SXM2	16	732	10.6	5.3
Tesla P100-PCIE-16GB	16	732	9.3	4.7
Tesla P100 16GB	16	732	9.3	4.7
Tesla P100-PCIE-12GB	12	549	9.3	4.7
Quadro P6000	24	432	12	0.2
Quadro GP100	16	720	10.3	5.2
Tesla P40	24	694	11.8	0.367
Tesla P4	8	192	5.7	0.2
Tesla M60	8	160	4.8	0.150
Tesla M40	12	288	6.8	0.213
Quadro M6000 24GB	24	317	6.8	0.213
Quadro M6000	12	317	6.8	0.213
Tesla K80	12 x2	240 x2	4.1 x2	1.37 x2
Tesla K40 m/c/s/st/d/t	12	288	5	1.7
Quadro K6000	12	288	5	1.7
Tesla K20 m/c/s/X	5	208	3.5	1.1

[Supported Hardware](#) for affected solvers.

⁴ **Important:** This GPU is marked as deprecated and it might not be supported in upcoming releases.