

Macs - Minimum Hardware Threshold

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Purchasing a CSCS Device

If you would like to purchase a new CSCS laptop/desktop PC to run macOS, our recommended standard specification is:

CSCS Type	Model	Specifications
Standard Laptop	MacBook Pro 14-inch	M1 Pro, 8-core CPU, 10-core GPU, 8GB RAM, 512GB SSD
Standard Laptop - Light	MacBook Air 13-inch	M2, 8-core CPU, 8-core GPU, 8GB RAM, 512GB SSD

If you prefer to order a different model or specification, it should be for macOS at least:

- A minimum of 8GB RAM
- A minimum 512GB SSD

Adding a non-CSCS Device to CSCS Support

If you already have a laptop/desktop PC that you have purchased, that you would like to add onto CSCS support, the minimum hardware threshold for any Mac is that it should be capable of running the latest operating system. That means currently these models listed below:

MacBook Pro	Mac Model/Part Numbers	Model Identifier
MacBook Pro (13-inch, M2, 2022)	MNEH3xx/A, MNEJ3xx/A, MNEP3xx/A, MNEQ3xx/A	Mac14,7
MacBook Pro (14-inch & 16-inch, 2021)	MKGP3xx/A, MKGQ3xx/A, MKGR3xx/A, MKGT3xx/A or MK183xx/A, MK193xx/A, MK1A3xx/A, MK1E3xx/A, MK1F3xx/A, MK1H3xx/A	MacBookPro18,1 or MacBookPro18,2 or MacBookPro18,3 or MacBookPro18,4
MacBook Pro (13-inch, M1, 2020)	MYD83xx/A, MYD92xx/A, MYDA2xx/A, MYDC2xx/A	MacBookPro17,1
MacBook Pro (13-inch, 2020, Two & Four Thunderbolt 3 ports)	MXK32xx/A, MXK52xx/A, MXK62xx/A, MXK72xx/A or MWP42xx/A, MWP52xx/A, MWP62xx/A, MWP72xx/A, MWP82xx/A	MacBookPro16,2 or MacBookPro16,3
MacBook Pro (16-inch, 2019)	MVVJ2xx/A, MVVK2xx/A, MVVL2xx/A, MVVM2xx/A	MacBookPro16,1 or MacBookPro16,4
MacBook Pro (13-inch, 2019, Two & Four Thunderbolt 3 ports)	MUHN2xx/A, MUHP2xx/A, MUHQ2xx/A, MUHR2xx/A, MUHR2xx/B or MV962xx/A, MV972xx/A, MV982xx/A, MV992xx/A, MV9A2xx/A	MacBookPro15,2 or MacBookPro15,4
MacBook Pro (15-inch, 2019)	MV902xx/A, MV912xx/A, MV922xx/A, MV932xx/A, MV942xx/A, MV952xx/A	MacBookPro15,1, MacBookPro15,3
MacBook Pro (15-inch, 2018)	MR932xx/A, MR942xx/A, MR952xx/A, MR962xx/A, MR972xx/A, MUQH2xx/A	MacBookPro15,1
MacBook Pro (13-inch, 2018, Four Thunderbolt 3 ports)	MR9Q2xx/A, MR9R2xx/A, MR9T2xx/A, MR9U2xx/A, MR9V2xx/A	MacBookPro15,2
MacBook Pro (15-inch, 2017)	MPTR2xx/A, MPTT2xx/A, MPTU2xx/A, MPTV2xx/A, MPTW2xx/A, MPTX2xx/A	MacBookPro14,3

MacBook Pro (13-inch, 2017, Two & Four Thunderbolt 3 ports)	MPXV2xx/A, MPXW2xx/A, MPXX2xx/A, MPXY2xx/A, MQ002xx/A, MQ012xx/A or MPXQ2xx/A, MPXR2xx/A, MPXT2xx/A, MPXU2xx/A	MacBookPro14,1 or MacBookPro14,2
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MacBook Air	Mac Model/Part Numbers	Model Identifier
MacBook Air (M2, 2022)		Mac14,2
MacBook Air (M1, 2020)	MGN63xx/A, MGN93xx/A, MGND3xx/A, MGN73xx/A, MGNA3xx/A, MGNE3xx/A	MacBookAir10,1
MacBook Air (Retina, 13-inch, 2020)	MVH22xx/A, MVH42xx/A, MVH52xx/A, MWJT2xx/A, MWTK2xx/A, MWTL2xx/A	MacBookAir9,1
MacBook Air (Retina, 13-inch, 2019)	MVFH2xx/A, MVFJ2xx/A, MVFK2xx/A, MVFL2xx/A, MVFM2xx/A, MVFN2xx/A, MVH62xx/A, MVH82xx/A	MacBookAir8,2
MacBook Air (Retina, 13-inch, 2018)	MRE82xx/A, MREA2xx/A, MREE2xx/A, MRE92xx/A, MREC2xx/A, MREF2xx/A, MUQT2xx/A, MUQU2xx/A, MUQV2xx/A	MacBookAir8,1
MacBook Air (13-inch, 2017)	MQD32xx/A, MQD42xx/A, MQD52xx/A	MacBookAir7,2

iMac	Mac Model/Part Numbers	Model Identifier
iMac (24-inch, M1, 2021)	MGPC3xx/A, MGPD3xx/A, MGPF3xx/A, MGPG3xx/A, MGPH3xx/A, MGPJ3xx/A, MGPK3xx/A, MGPL3xx/A, MGPM3xx/A, MGPN3xx/A, MGPP3xx/A, MGPQ3xx/A, MGPR3xx/A, MGPT3xx/A or MGTF3xx/a, MJV83xx/a, MJV93xx/a, MJVA3xx/a	iMac21,1 or iMac21,2
iMac (Retina 5K, 27-inch, 2020)	MXWT2xx/A, MXWU2xx/A, MXWV2xx/A	iMac20,1 or iMac20,2
iMac (Retina 5K, 27-inch, 2019)	MRQYxx/A, MRR0xx/A, MRR1xx/A	iMac19,1
iMac (Retina 4K, 21.5-inch, 2019)	MRT3xx/A, MRT4xx/A, MHK23xx/A	iMac19,2
iMac (Retina 5K, 27-inch, 2017)	MNE92xx/A, MNEA2xx/A, MNED2xx/A	iMac18,3
iMac (Retina 4K, 21.5-inch, 2017)	MNDY2xx/A, MNE02xx/A	iMac18,2
iMac (21.5-inch, 2017)	MMQA2xx/A, MHK03xx/A	iMac18,1

Mac Mini	Mac Model/Part Numbers	Model Identifier
Mac mini (M1, 2020)	MGNR3xx/A, MGNT3xx/A	Macmini9,1
Mac mini (2018)	MRTR2xx/A, MRRT2xx/A, MXNF2xx/A, MXNG2xx/A	Macmini8,1

iMac Pro	Mac Model/Part Numbers	Model Identifier
iMac Pro (2017)	MQ2Y2xx/A, MHLV3xx/A	iMacPro1,1

Note: If the device has been purchased through a University supplier, it should be purchased with a 4 year warranty

CSCS will not upgrade components on any Macs

Age of Devices on CSCS Support

From 01/07/2022, CSCS has updated its approach with regards to the age of devices on CSCS support. This is to ensure we are able to provide ongoing protection for your files, data & devices at the appropriate level, which is not possible when running older devices & operating systems.

- *For now, if you have an older device, CSCS will continue to support it. However, we shall be in contact with you to let you know that you should start scheduling it's replacement.*
- *CSCS expect to work with our customers over the next few years to gradually remove all these older devices from CSCS support, so that by 2025 we shall no longer support devices older than 5 years old & we expect departments to be able to manage hardware replacements on a 5 year cycle, thereafter.*
- *Please note, however, if an older device has a hardware failure, needs a hardware upgrade or requires a rebuild to fix an issue, CSCS will likely advise you that the device needs to be replaced instead. If that is not possible then the device will likely be removed from CSCS support.*