

Computer requirements for Thermo Scientific Chromeleon 7.2 Chromatography Data System

Software Version 7.2 SR5

Table 1. Hardware requirements* for Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) software – version 7.2 SR5.

Processor	Minimum:	3 GHz Intel® Core™ i3
	With 1 DAD:	3 GHz Intel Core i3
	With 2 DAD:	3 GHz Intel Core i7**
	With MS:	3 GHz Intel Core i5
	With Agilent ICF/Waters ICS:	3 GHz Intel Core i5
	Recommended:	3 GHz Dual Core i7** or better
	Recommended with Agilent ICF / Waters ICS:	3 GHz Quad Core i7** or better
RAM	Minimum:	3 GB
	With 1 DAD:	3 GB
	With 2 DAD:	4 GB**
	With MS:	16 GB**
	With Agilent ICF/Waters ICS:	4 GB**
	Recommended:	8 GB or more**
Hard Disk	Minimum:	60 GB***
	Systems with 3D Detector(s):	120 GB***
	DAD at max rate (200Hz):	15 MB/min
	GC-MS systems:	250 GB***
	LC-MS systems:	500 GB ***
Optical Drive		DVD
Display	Minimum:	1024 × 768 resolution, 32-bit color
	Recommended:	1280 × 1024 or 1440 × 900 or more
USB Ports	For license device:	1 USB port
	Thermo Scientific Modules*:	1 or more additional USB port(s)
	MWD-3000 RS/DAD-3000 RS	USB 2.0 speed



* Additional hardware requirements for connecting instruments are detailed in the list of supported instruments, available on the Chromeleon 7.2 CDS disc.

** For taking full advantage of this hardware, a 64-bit Windows® version is required.

*** These hard disk requirements are set to enable storage of a substantial amount of data. The software itself requires approximately 4 GB disk space on the C drive (twice as much during an update). In addition, a few GB disk space must always be available on the C drive for sequences cached in the XVault.

The table above shows the minimum and the recommended PC configurations for stand-alone installation of Chromeleon 7.2 CDS. PCs meeting minimum requirements may be sufficient for some low-demand applications, but will not provide satisfactory performance in many applications. PCs meeting recommended requirements should be suitable for general applications.

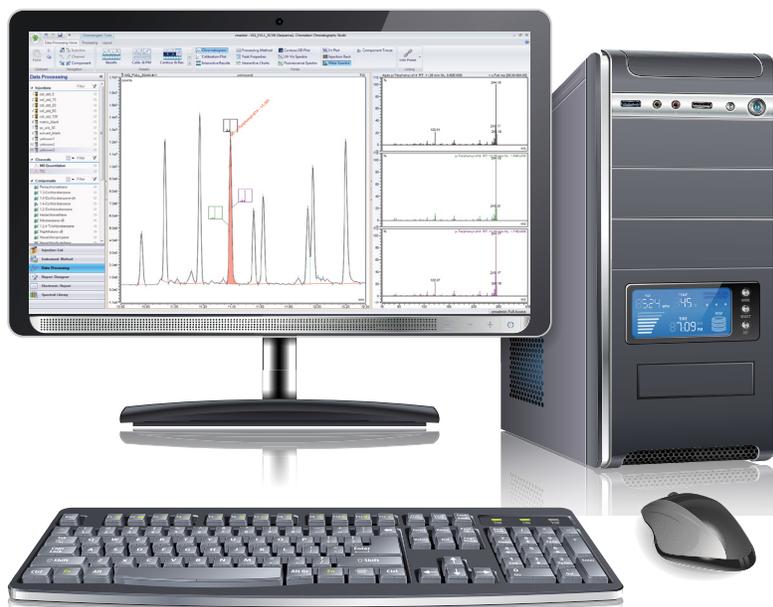


Table 2. Supported operating systems.

Microsoft Windows 7

Chromeleon 7.2 CDS was tested with **32-bit*** and **64-bit** versions of Microsoft Windows 7 **SP1 Professional** and Windows 7 **Ultimate SP1** editions.

Microsoft Windows 8.1 Pro

Chromeleon 7.2 SR4 CDS can be operated on **64-bit** editions of Microsoft Windows 8.1 **Pro****. Microsoft Windows 8 is not supported.

Microsoft Windows 10 Enterprise

Chromeleon 7.2 SR5 CDS can be operated on the **64-bit** edition of Microsoft Windows 10 **Enterprise*****.

* Use of the 32-bit version is strongly discouraged. An exception is formed by the MSQ Plus, which can be run on Windows 7 (32 bit) Operating Systems only.

** An internet connection is required for installing Chromeleon 7 CDS on a Microsoft Windows 8.1 Pro operating system.

*** The option **Turn on fast startup** (recommended) should be disabled in the Windows 10 shutdown settings. This ensures that the Chromeleon CDS Instrument Controller Service is stopped correctly on system shutdown and prevents potential instrument connection issues when the computer is powered up again.

Find out more at thermofisher.com/Chromeleon

©2018 Thermo Fisher Scientific Inc. All rights reserved. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel and Intel Core are registered trademarks of Intel Corporation. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries unless otherwise specified. This information is presented as an example of the capabilities of Thermo Fisher Scientific Inc. products. It is not intended to encourage use of these products in any manners that might infringe the intellectual property rights of others. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details. **PS70801-EN 03/18S**

ThermoFisher
SCIENTIFIC