What are the system requirements for running TRACE32 on a Linux PC?

2025-10-31 - [Comments (0)](#) - [Setup / update](#)

The TRACE32 PowerView GUI for Linux is currently available for x86_64 and AArch64 machines.
The PowerView software is build independent of certain Linux distributions. Thus, PowerView should run on all major Linux distribution.
Nevertheless, there are some requirements:

Requirements for PowerView R.2026.02 and newer

- GNU C-Library (glibc) ≥ 2.34

- Qt5 ≥ 5.15 (for a PowerView GUI based on Qt5)

- Qt6 ≥ 6.6 (for a PowerView GUI based on Qt6)

The following distributions satisfy these requirements; however, other distributions may also be suitable:

- Red Hat Enterprise Linux 9 (Qt6 needs additional EPEL repository) or later (including compatible clones)

- SUSE Linux Enterprise Server 15 SP6, openSUSE Leap 15.6 or later

- Debian 12 ("Bookworm") or later

- Ubuntu 22.04 ("Jammy Jellyfish") or later

- Fedora 36 or later

Linux on x86_64 :

Requirements for PowerView R.2021.02 and newer

- GNU C-Library (glibc) ≥ 2.17

- X.Org-Server (X11) ≥ 7.6

- Qt5 ≥ 5.6 (for a PowerView GUI based on Qt)

- Motif or OpenMotif ≥ 2.3.1 (for a PowerView GUI based on Motif/CDE)

The following distributions meet these requirements (though there are others too):

- Red Hat Enterprise Linux (RHEL) 7

- SUSE Linux Enterprise (SLE) 12

- Ubuntu 18.04

- Debian 9

- Mint 18.3

- Fedora 24

- openSUSE 15

To achieve the best results with Motif/CDE, ensure that you have installed all available X font packages, especially the 75 dpi and 100 dpi versions.

Beta versions of PowerView for Wayland and Qt6 are available on request.

Requirements for PowerView R.2020.09 to R.2018.02

- GNU C-Library (glibc) ≥ 2.12

- X.Org-Server (X11) ≥ 7.6

- Qt4 ≥ 4.6.2 (for PowerView with Motif/CDE)

- Motif or OpenMotif ≥ 2.3.1 (for PowerView with Motif/CDE)

Qt5 is not supported by PowerView R.2020.09 and older.

These requirements are met, for example, by RHEL 6, SLE 11, and Ubuntu 10.10.

Requirements for PowerView R.2017.09 and older

- GNU C-Library (glibc) ≥ 2.12

- X.Org-Server (X11) ≥ 6.9

- Motif or OpenMotif ≥ 2.3.1

These requirements are met, for example, by RHEL 5 and SLE 10.

Linux on AArch64 :

Requirements for PowerView R.2023.02 and newer

- GNU C-Library (glibc) ≥ 2.17

- X.Org-Server (X11) ≥ 7.6

- Qt5 ≥ 5.6