Teledyne PDS V4.4

System requirements

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Operating Systems supported (64 bit)

- MS Windows 10
- MS Windows 11

Virtual environment

Running Teledyne PDS in a virtual environment can work well.

However, note that configuring these virtual environments for proper use of Teledyne PDS can create problems and is not by default supported by Teledyne RESON.
Problem areas are for instance: USB shared Teledyne PDS dongles, serial ports transport from host machine operating system to client operating system, proper usage of display adapters (for 3D OpenGL usage).

Requirement desktop and laptop systems

A computer not complying with the correct system requirements result in poor performance of Teledyne PDS or even malfunctioning of the software.

The next table lists the preferred requirements applying for low data consuming / processing applications such as dredge and single beam applications, and preferred requirements applying for high data consuming / processing applications such as multibeam and side scan sonar applications. Contact Teledyne RESON if you are in doubt.

	Preferred requirements low data consuming applications	Preferred requirements high data consuming applications
CPU	Modern processor capable of working with multiple hyper-threads in parallel. Clock speed of the CPU is of less relevance.	Modern processor capable of working with multiple hyper-threads in parallel. More is better than less. Clock speed of the CPU is of significant relevance, not enough clock speed might hinder the software to run as intended.
Graphic card	OpenGL 3.30 support and 2GB of memory e. g. a modern Nvidia RTX card or better	OpenGL 3.30 support and 4GB of memory e. g. a modern Nvidia RTX 2070 card or better
Internal memory	16 GB	32 GB
Network	Gigabit Ethernet	Gigabit Ethernet

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