

Initial MS12001 Setup

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This document will detail the initial installation process for a computer to be used for MS12001.

Please note that if JGR Optics has provided you with a computer, it is already setup and you just have to connect your MS05B/MS08B chassis with your modules.

The necessary files and programs to be installed can be found in the *Utilities* drive on a computer setup by JGR Optics or you may contact us at support@jgroptics.com if you require these files.

Make sure the computer has a JGR PCI card installed and be careful to use it only for connecting a JGR MS05B/MS08B. Before beginning the installation process, do not connect a chassis.

It is important to turn off Windows sleep mode and PCI power saving to make sure long term testing does not get interrupted.

Go to *Control Panel > Hardware and Sound > Power Options > Edit Plan Settings* and select *Put the computer to sleep: Never*

Click *Change advanced power settings* and expand *PCI Express > Link State Power Management* and select *Setting: Off*

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1) System Detection

Right-click *setup.exe* and run in troubleshoot compatibility mode.

The initial installation will fail. Click continue and let the installer finish.

Once done, close the remaining open windows by clicking *Cancel*.

2) MS Manager

Install normally.

3) MSDE SP4 or SQL2012 (Windows 10 only)

MSDE

- Run *MSDE.bat*

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SQL2012

- Run *SQLEXPRT_x64_ENU2012.exe* and proceed with the default installation – use Windows authentication or login = *sa*, password = *EXFO*. Make note of the database login credentials as they will need to be matched when installing and using MS12001.
- Open SQL Management Studio
- Run .sql scripts 1-5 by dragging and dropping them into SQL Management Studio

Please note that because there are many variations and folder names can vary slightly, this step can present some difficulties. If you require further assistance, please contact support@jgroptics.com

4) MS12001

Right-click the setup file and select *Run as administrator*. If you have SQL2012 installed, make sure to match the database login credentials that you used during installation.

5) VSVIEW

Run the installer and use 0000000-00-000000 as the serial number.

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Installing PCI drivers

Restart the computer without an MS05B/MS08B chassis connected.

Shutdown the computer, connect a chassis and turn on the computer.

Find the unidentified device (usually under *Other devices*), right-click and select *Update driver*.

Choose the appropriate folder containing the *xfopci* files.

Restart the computer and verify that the chassis and modules are correctly displayed in MS Manager as below.

