

# Quick Start Guide

## Sheet 2

### Installing a TLAser400 Interface Card

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Before proceeding with this quick start sheet, you should already have completed Quick Start Sheet 1, “Installing Total Vu™ and InstaCal™ Software.” This document will guide you through the installation of the TLAser400™ Laser Micrometer Interface card. If you have the Zero-Latency Encoder option, please refer to Sheet 3 for guidance on installing the encoder module into the TLAser400 before proceeding.

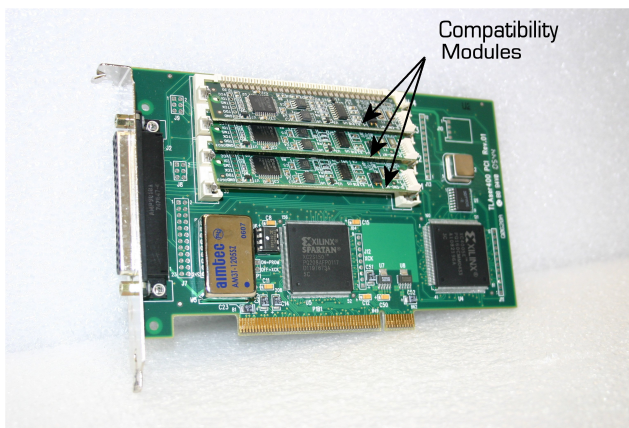


Figure 1. TLAser 400 card

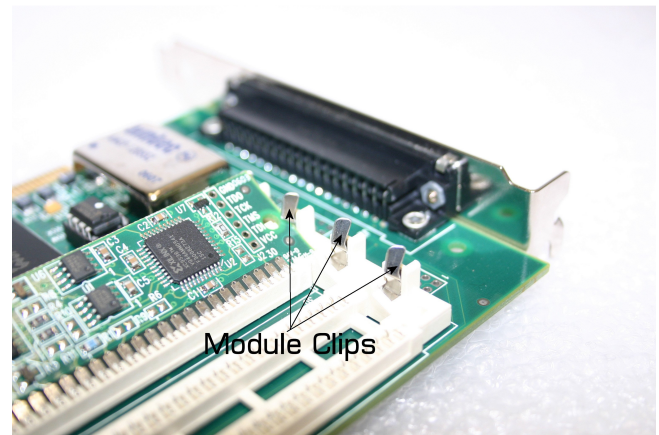


Figure 2. Module Clips

**Step 1. Checking the compatibility modules** – The TLAser400 (figure 1) should come with all compatibility modules pre-installed. Before proceeding, make sure that the compatibility modules are fully seated in their slots and restrained on both sides by the metal retaining clips (figure 2).



Figure 3. Slot Cover

**Step 2. Preparing the computer** – Properly shut down and power off the PC. Disconnect the power cord from the computer. It is not necessary to disconnect all cords and cables from the PC, but you may find that it simplifies this step. Remove the cover from the PC. Remove the back panel slot cover (figure 3) from the PCI slot into which you will install the TLAser400 card (any open PCI connector is acceptable).

**Step 3. Installing the TLAser400** – Insert the TLAser400 into the slot (figure 4). Some gentle force may be required, but if there is significant resistance, remove the card and look for obstructions. The card should gently snap into place. In most cases, you should use the screw that previously held the back panel slot cover to secure the TLAser400 in place. In some PC chassis, there is no screw - another mechanism (e.g. a snap down bar securing all cards) will secure the card.

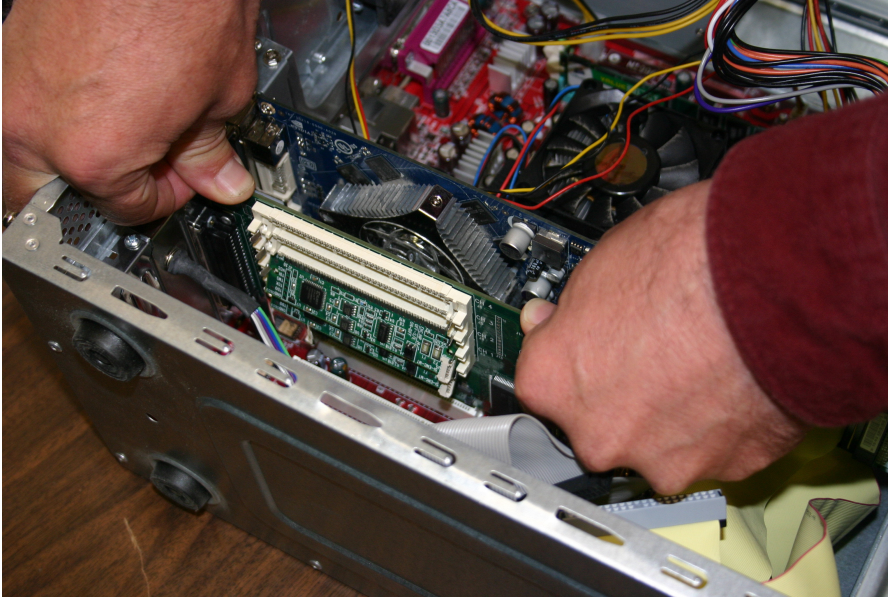


Figure 4. Installing the TLASer400

you that new hardware was found (figure 5). Try installing the hardware using the automatic (Recommended) method. If the installation fails, go back to the first installation screen and check the radio button for the Advanced installation. On the next screen, direct the installer to look in the C:\Program Files\LaserLinc\Drivers folder for the drivers required. Proceed with the installation wizard.

Step 4. Installing other cards – If you have one or more additional cards, (e.g. a DI/O card, a counter/control card, or an analog card) please refer to the appropriate sheet(s) (Sheet 6-8) at this time for appropriate installation instructions.

Step 5. Close the computer – Reinstall the computer's cover. Reattach all cables and cords.

Step 6. Boot the computer – Boot the computer. It should boot normally into Windows®. You will see a pop-up notifying

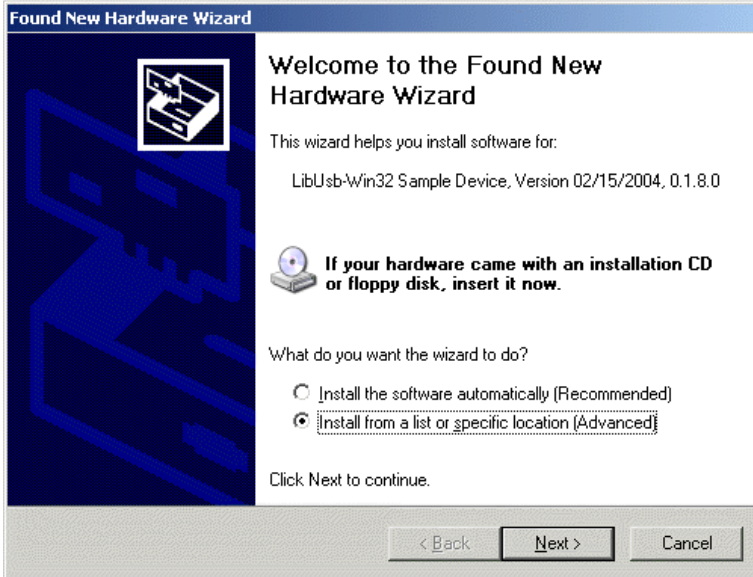


Figure 5. New Hardware Wizard in Windows

If you encounter any difficulties during this process, do not hesitate to contact your LaserLinc sales agent, or feel free to contact the factory directly at the number listed below.



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