

Q-Manager™ Laptop PC by Others

The Q-Manager™ laptop PC by others is a dedicated laptop PC used to run the Quantum® light management software. It can be used as a client PC to run the Quantum Vue™ application or the Green Glance® energy savings display software¹ (one PC needed per Green Glance® terminal).

Quantum Vue™ allows the operator to control the Quantum® system, monitor system status and run system reports.

Green Glance® allows real-time and historical Lutron® lighting energy data to be displayed on an LCD display or the computer monitor.¹

During system start-up, the Lutron® field engineer will install the Q-Manager™ software on the laptop. The customer's IT department staff must be available on-site to assist with this process.

The laptop is dedicated for Lutron® Quantum® software only.

Minimum Hardware Configuration Required

- Intel Core® i3 processor
- Integrated Intel® HD Graphics or 256 MB dedicated graphics card
- 4 GB RAM
- 250 GB hard drive
- Screen with minimum 1280 x 1024 resolution
- 100 MB Ethernet network interface for communication to Quantum® light management hubs or Q-Manager™ server (if used as a client PC)

Software Required

- Microsoft® Internet Information Services (IIS) 7 or later (for Persona® PC and Quantum Vue™)
- Microsoft® Internet Explorer® 9 or later
- Microsoft® .NET Framework 3.5
- Microsoft® .NET Framework 4.5 (Quantum® 3.0 and newer)

Microsoft® SQL & OS Required for Each Quantum® Version

Quantum® Version	Microsoft® SQL Version	Microsoft® OS Version
1.5 - 1.9	SQL 2005 Express (default) SQL 2005 Full (requires custom installation)	Windows® XP Pro (32-bit) Windows® 2003 Server (32-bit)
2.0 - 2.7	SQL 2005 Express (default) SQL 2005 Full (requires custom installation)	Windows® XP Pro (32-bit) Windows® 7 Professional (32 or 64-bit) Windows® 2003 Server (32-bit) Windows® 2008 R2 Server (64-bit)
3.0 - 3.x	SQL 2012 Express (default) SQL 2012 Full (requires custom installation)	Windows® 7 Professional (64-bit) Windows® 8 Professional (64-bit) Windows® 8.1 Professional (64-bit) Windows® 2008 R2 Server (64-bit) Windows® 2012 R1 Server (64-bit) Windows® 2012 R2 Server (64-bit)
3.1 - 3.x	SQL 2012 Express (default) SQL 2012 Full (requires custom installation)	Windows® 7 Professional (64-bit) Windows® 8 Professional (64-bit) Windows® 8.1 Professional (64-bit) Windows® 10 Professional (64-bit) Windows® 2008 R2 Server (64-bit) Windows® 2012 R1 Server (64-bit) Windows® 2012 R2 Server (64-bit)

¹ Energy reports and monitoring requires an energy license (P/N QSW-RPT-PP-A and QSW-GGL-PP-A).

Microsoft, Internet Explorer, and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Intel and Intel Core are trademarks of Intel Corporation in the U.S. and/or other countries.

Job Name:	Model Numbers:
Job Number:	

Considerations for Customer-Supplied Computers

- Lutron® Field Service will install the purchased Lutron® software on one computer only, at the time of commissioning. Customer must have available:
 - The working computer that meets the minimum Lutron® specification
 - The original Windows® installation disks
 - All driver disks for the customer-supplied computer
 - Administrative rights for the customer-supplied computer
 - An IT representative
- Computers that meet the minimum specification but cannot be configured by Field Service (maximum on-site configuration time is limited to 4 hours) will require a connection to the Internet for remote access from a Lutron® services company representative (additional charges may apply).
- If remote access is not available, the computer must be shipped (using an insured shipment) by the customer, at the owner's risk and expense, to Lutron for Lutron® software installation. The computer must be shipped with the correct operating system disk and all driver disks. A 4 week lead-time will apply to any computers shipped to Lutron. To cover the Lutron® troubleshooting, an additional 4 hour service charge will apply. Computers supplied by the customer are not covered by a Lutron® warranty.
- Once configured by Lutron, the computer must be used for Lutron® lighting control only and cannot be used for other applications.
- Lutron reserves the right to ask the customer to reformat the customer's computer and reload the operating system to rectify any installation issues.
- Installation of patches and updates for the operating system or software on the machine may require Lutron® software updates. Lutron recommends purchasing a Software Maintenance Agreement (SMA) which proactively tests for interoperability for your system configuration and provides software patches in the event of a compatibility issue.
- No applications other than the Lutron® software may be installed on the computer.
- Consult with Lutron before installing any anti-virus or security software.
- Any Lutron® software upgrades can only be loaded on computers that have been unaltered after the initial Lutron® configuration. Otherwise, additional charges will apply.
- When the Quantum® software suite is hosted on a laptop PC, the software is designed to be used locally on the PC. Remote connection to the PC from another PC or tablet is not supported.

Job Name:	Model Numbers:
Job Number:	