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. Optionally, it can be used as a client PC to run the Quantum Vue application.

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

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.

Enterprise Vue is only compatible with Server Hardware / OS. For more information see the Enterprise Vue Spec Submittal (P/N 3691076) at www.lutron.com

Hardware Requirements

Software Version	Laptop or Desktop
Quantum 1.5-1.9	• Intel® Core i3 processor • Integrated Intel® HD Graphics or 256 MB dedicated graphics card • 1 GB RAM • 50 GB hard drive • Screen with minimum 1024 x 768 resolution • 10 / 100 MB wired Ethernet network interface
Quantum 2.0 - 2.7	• Intel® Core i3 processor • Integrated Intel® HD Graphics or 256 MB dedicated graphics card • 2 GB RAM • 100 GB hard drive • Screen with minimum 1024 x 768 resolution • 10 / 100 MB wired Ethernet network interface
Quantum 3.0 - 3.3	• 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 • 10 / 100 MB wired Ethernet network interface
myRoom 3.3 (Programming laptop only)	• Minimum AMD® Ryzen® 7 processor or Intel® i7 – 4 core, 8 threads – 2.5 GHz clock speed • Minimum 500 GB* NVME (SSD) hard drive • Minimum 32 GB RAM • Minimum 1280 x 1024 screen resolution • Windows® 10 professional operating system (64-bit) • Minimum one 100 Mbps wired Ethernet interface • 802.11 Wi-Fi Ethernet connection
Quantum 3.4	• Intel® Core i7 (4 cores, 8 threads 2.5 GHz) or AMD® equivalent • 16 GB RAM • 500 GB* SSD hard drive • Screen with minimum 1280 x 1024 resolution • Minimum 100 MB wired • Ethernet network interface

* If using secondary drive for installation and SQL storage, the primary drive must have at least 50 GB of available space.

** In a multi-instance install, up to four (4) different versions of SQL server may be installed on the machine depending on the version of software used for each install. Microsoft® Windows® versions supported with multi-instance installed are Windows® Server 2016 (64-bit) and Windows® Server 2019 (64-bit).

Microsoft® SQL & OS Required for Each Quantum Version

Software Version	Microsoft® SQL Version	Microsoft® Windows® Version
Quantum 1.5 - 1.9	SQL Server 2005 Express (default) SQL Server 2005 Full** (requires custom installation)	Windows® XP Pro (32-bits)
Quantum 2.0 - 2.7	SQL Server 2005 Express (default) SQL Server 2005 Full** (requires custom installation)	Windows® XP Pro (32-bits) Windows® 7 Professional (32 or 64-bits)
Quantum 3.0 - 3.1	SQL Server 2012 Express (default) SQL Server 2012 Full** (requires custom installation)	Windows® 7 Professional (64-bits) Windows® 8 Professional (64-bits) Windows® 8.1 Professional (64-bits)
Quantum 3.2	SQL Server 2012 Express (default) SQL Server 2012 Full** (requires custom installation)	Windows® 7 Professional (64-bits) Windows® 8 Professional (64-bits) Windows® 8.1 Professional (64-bits) Windows® 10 Professional (64-bits) Windows® 10 Enterprise (64-bits)
myRoom 3.3.399 and older	SQL Server 2012 Express (default) SQL Server 2012 Full** (requires custom installation)	Windows® 10 Professional (64-bits) (Programming laptop only)
myRoom 3.3.401 – 3.3.433	SQL Server 2019 Express (default) SQL Server 2019 Full** (requires custom installation)	Windows® 10 Professional (64-bits) (Programming laptop only)
myRoom 3.3.441 and newer	SQL Server 2019 Express (default) SQL Server 2019 Full** (requires custom installation)	Windows® 10 Professional (64-bits) (Programming laptop only) Windows® 11 Professional (64-bits) (Programming laptop only)
Quantum 3.4.399 and older	SQL Server 2017 Express (default) SQL Server 2017 Full** (requires custom installation)	Windows® 8 Professional (64-bits) Windows® 8.1 Professional (64-bits) Windows® 10 Professional (64-bits) Windows® 10 Enterprise (64-bits)
Quantum 3.4.401 – 3.4.437	SQL Server 2019 Express (default) SQL Server 2019 Full** (requires custom installation)	Windows® 10 Professional (64-bits) Windows® 10 Enterprise (64-bits)
Quantum 3.4.441 and newer	SQL Server 2019 Express (default) SQL Server 2019 Full** (requires custom installation)	Windows® 10 Professional (64-bits) Windows® 10 Enterprise (64-bits) Windows® 11 Professional (64-bits) Windows® 11 Enterprise (64-bits)

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Software Required

- Microsoft® Internet Information Services (IIS) 7 or later (for Quantum Vue)
- Microsoft® Internet Explorer® 9 or later
- Microsoft® .NET Framework 3.5
- Microsoft® .NET Framework 4.5 (Quantum 3.0 and 3.1)
- Microsoft® .NET Framework 4.6.1 (Quantum 3.2 and newer)

    For more information on system and network configurations see the Lutron IT Implementation Guide: (P/N 040423) at www.lutron.com

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.

- 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.

Software Updates / Patches

- Note that Lutron will not be responsible for maintenance, security and software patching of the machine.

- Lutron recommends that the machine is installed and maintained as part of the customer's IT infrastructure and involve the customer's IT department in the patching, security and maintenance of the machine.

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