

Keyscan Aurora Software

System Requirements

PC & Server Specifications



The following document outlines system requirements for running Keyscan Aurora access management software on one computer and recommended requirements for installation on separate servers.

Minimum & Recommended Requirements

The following outlines the minimum requirements for Aurora where the database, communication services, and Client are installed on one PC.

Supports a maximum of 5 network connections and/or 1 serial connection to a maximum of 8 control panels and supports a maximum of 2 remote client connections.

PC Computer

- Intel Core i7-4770 3.4GHz with 4 cores
- 16GB RAM 1600MHz DDR3 NON-ECC
- 500GB 7.2K RPM SATA 3Gbps 3.5in Hard Drive
- Windows 11 Enterprise & Professional 64-bit;
Windows 10 Professional; or
Windows 8 64-bit Professional
- AMD RADEON HD 8490 1GB Dual Monitor or AMD RADEON HD8570 1GB Dual Monitor
- USB 2.0 Ports
- 8X DVD ROM, SATA, Internal
- Ethernet Port - 1GB Network Card
- Keyboard & Mouse
- UPS Backup

Separate Servers

The following outlines Keyscan's recommended requirements for maximum system efficiency and performance with the Client, communication services, and database installed on separate servers.

Aurora Client Workstation

- Intel Core i7 – 4770 3.4 GHz with 4 cores
- 16GB RAM 1600MHz DDR3 NON-ECC
- 500GB 7.2K RPM SATA Hard Drive

- AMD RADEON HD 8490 1GB Dual Monitor or AMD RADEON HD8570 1GB Dual Monitor (System compatible with 1024x768 or higher resolution—single or dual monitor)
- USB 2.0 Ports
- 8X DVD ROM, SATA, Internal
- Ethernet Port - 1GB Network Card
- Keyboard & Mouse
- UPS Backup

Supported operating systems:

- Windows 11 Enterprise & Professional 64-bit
- Windows 10 Professional
- Windows 8 64-bit Professional
- Windows 7 SP1, 64bit Ultimate, Enterprise & Professional (not recommended)

- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit Standard
- Windows Server 2016 Standard
- Windows Server 2012 64-bit Standard
- Windows Server 2008 R2 64-bit Standard (not recommended)

Aurora Communications Server

- Intel Xeon E5 – 2403, 1.80GHz, 10MB Cache with 4 cores
- 8GB RAM 1333MHz, RDIMM
- 500GB 7.2K RPM SATA

- Integrated HD Graphics Card
- 8X DVD ROM, SATA, Internal
- USB 2.0 Ports
- Ethernet Port – Dual Port 1GB Network Card
- Keyboard & Mouse
- UPS Backup

Supported operating systems:

- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit Standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 64-bit Standard
- Windows Server 2008 R2 64-bit Standard (not recommended)

Aurora Database Server

- Intel Xeon E5 – 2420, 1.90GHz, 15MB Cache with 6 cores
- 16GB RAM 1333MHz, RDIMM
- 2 x 1TB 7.2K RPM SATA Hard Drive RAID 1 Configuration
- Dual, Hot-Plug, Redundant Power Supply

- Integrated HD Graphics Card
- 8X DVD ROM, SATA, Internal
- USB 2.0 Ports
- Ethernet Port – Dual Port 1GB Network Card
- Keyboard & Mouse
- UPS Backup

Supported operating systems:

- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit Standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 64-bit Standard

Aurora Web Server

- Intel Xeon E5 – 2403, 1.80GHz, 10MB Cache with 4 cores
- 16GB RAM 1333MHz
- 500GB 7.2K RPM SATA Hard Drive

- Integrated HD Graphics Card
- 8X DVD ROM, SATA, Internal
- USB 2.0 Ports
- Ethernet Port – Dual Port 1GB Network Card
- Keyboard & Mouse
- UPS back up

Supported operating systems:

- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 64-bit Standard
- Windows Server 2008 R2 64-bit Standard

- Windows 11 Enterprise & Professional 64-bit
- Windows 10 Professional
- Windows 8 Professional
- Windows 8 SP1 Professional, Enterprise & Ultimate
- Windows 7 SP1 Professional, Enterprise & Ultimate (not recommended)

The following outlines operating systems supported by Aurora
Client - Supported Operating Systems

64-bit Operating Systems

- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit Standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 64-bit Standard
- Windows Server 2008 R2 SP1 64-bit Enterprise
- Windows Server 2008 R2 SP1 64-bit Standard
- Windows Server 2008 R2 SP1 64-bit Foundation
- Windows 11 Enterprise & Professional 64-bit
- Windows 10 Professional 64-bit
- Windows 8 Professional 64-bit
- Windows 7 SP1 64-bit Ultimate (not recommended)
- Windows 7 SP1 64-bit Enterprise (not recommended)
- Windows 7 SP1 64-bit Professional (not recommended)

SQL Server 2017 Express Operating System Support

64-bit Operating Systems

- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit Standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 64-bit Standard
- Windows 11 Enterprise & Professional 64-bit
- Windows 10 Professional 64-bit
- Windows 8 Professional 64-bit

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