

# Keyscan Aurora

## Upgrade advantages



## Aurora Advantages

Aurora is Keyscan's latest access control management software application. Completely re-engineered and re-designed, Aurora is an evolutionary leap forward in access control management software with superior communication technologies, more standard features and the introduction of a 'people-centric' architecture for managing people and credentials.

The following table provides a comparison between just some of the advantages Aurora offers over System VII.

### OS Compatibility

#### Aurora

- Windows 11 Enterprise & Professional 64-bit
- Windows 10 Professional 64-bit
- Windows 8 Professional 64-bit
- Windows 7 SP1 64-bit Ultimate, Enterprise or Professional (Aurora Client Only)
- Windows Server 2022 Standard 64-bit
- Windows Server 2019 64-bit Standard
- Windows Server 2016 64-bit Standard
- Windows Server 2012 R2 64-bit Standard
- Windows Server 2012 64-bit Standard

For more information about Aurora Specifications, visit [www.dormakaba.ca](http://www.dormakaba.ca)

**Note** - Windows 7 is no longer supported by Microsoft. Keyscan does not recommend installing or re-installing Aurora software on computers utilizing Windows 7.

#### System VII

- Windows 8 – Professional & Enterprise – 32-bit or 64-bit
- Windows Server 2012 – Standard version – 64 bit / graphical user interface enabled
- Windows Server 2008 – Standard & Enterprise
- Windows 7 SP3 or later – Professional, Enterprise & Ultimate
- Vista Business
- Windows XP Professional – see note
- Windows Server 2003

**Note** - Windows XP is no longer supported by Microsoft. Keyscan does not recommend installing or re-installing either new or existing System VII software on computers with MS Windows XP.

## Server/Computer Requirements

### Aurora

- Intel Core i7 – 4770 3.40 GHz or faster
- 8 GB RAM 1600 MHz DDR3 NON-ECC or greater
- Recommended 500 gigabytes of available hard disk space, 7.2K RPM SATA

For larger access control systems, see the Aurora System Architecture paper at [www.dormakaba.ca](http://www.dormakaba.ca)

### System VII

- Intel Pentium Dual Core 2.2 GHz or higher; Intel Core Duo 2.6 GHz or higher (Celeron and AMD are not recommended)
- 2 GB RAM or greater (Preferred 4-8 GB RAM)
- Recommended 100 gigabytes of available hard disk space

## Software Platform Features

### Aurora

- Support for up to 45,000 credentials
- Screen dimensions improved - no size limit
- Ten assigned groups per credential holder
- Enhanced multi-site management features
- Multiple credentials assignable to a single user
- New Template Editor for cards and maps
- New Active Directory Integration
- New multi-threaded communication structure
- New application design, example: Status Widgets
- Centralized and improved people, schedule and hardware management
- Mapping enhancements
- Supports CABWL series wireless lock controllers

For more information refer to Keyscan's Aurora Software Guide at [www.dormakaba.ca](http://www.dormakaba.ca)

### System VII

- Support for up to 32,000 credentials
- Screen dimensions 1024 x 768 maximum size
- Two assigned groups per credential holder

## Database

### Aurora

- Includes Microsoft SQL 2017 Express 64-bit
- Optional Upgrade to Full SQL Server 2017 Edition, 64 bit

\*Aurora issues warning when database reaches 8.0 GB / stops control unit data collection at 9.5 GB

### System VII

- Includes SQL Express 2005 – 4 gig limit
- Optional Upgrade - Full SQL – Server 2005 Edition 32-bit, Workgroup, Standard or Enterprise versions

### Control Board Firmware

The following table reviews control board firmware features. Aurora requires PC109x blue control boards with firmware 9.21 or higher.

<p><b>PC109x</b></p> <p>Firmware:</p> <ul style="list-style-type: none"><li>• Serial# letters – C, D, E, F</li><li>• Firmware range: 7.98/8.77 or higher</li><li>• Reader PROM 4.02 or higher</li><li>• Supports blue OCB-8 version PC1101 or higher</li><li>• Year 2011 to present</li></ul> <p>Firmware Features:</p> <ul style="list-style-type: none"><li>• Includes 9.x, 10, 11, &amp; PC101 features</li><li>• Card read – all cards – or RTE activates Door Output and Accessibility HC Output</li><li>• (revised jumper J16-D)</li><li>• Discontinued support for Smart-Gate &amp; Search Gate biometric readers</li></ul>	
<p><b>Aurora</b></p> <ul style="list-style-type: none"><li>• Hardware supported if manufactured and shipped with firmware 9.21 or higher. Has revised serial # format – example AAC1234</li><li>• Firmware can be ordered for PC1095 control boards with previous firmware versions. Has serial # format – example C1235</li></ul>	<p><b>System VII</b></p> <ul style="list-style-type: none"><li>• System VII - version 7.0.19 or higher</li></ul>

### Control Board Firmware

Aurora is not compatible (n/c) with any of the following green control boards / firmware.

<p><b>PC101x</b></p> <p>Firmware:</p> <ul style="list-style-type: none"><li>• Serial # letters – Z, A</li><li>• Highest firmware version 7.95/8.75</li><li>• Year 2009 – 2011</li></ul> <p>Firmware Features:</p> <ul style="list-style-type: none"><li>• Includes 9.x, 10 &amp; 11 features</li><li>• Supports Smart-Gate &amp; Search Gate biometric readers</li><li>• Supports reverse network IP communication – firmware 7.95/8.75 and higher</li><li>• Elevator floor countdown OPT code (requires CPB-10-2 on CPB-10 communication loop)</li></ul>	
<p><b>Aurora</b></p> <p>N/C</p>	<p><b>System VII</b></p> <ul style="list-style-type: none"><li>• Features and hardware supported</li></ul>

### REV. 11

Firmware:

- Serial # letters Y, Z
- Highest firmware version 7.80/8.60
- Year 2007 – 2009
- Rev. 11 control board can be upgraded with a PC101x EPROM – requires EPROM purchase

Firmware Features:

- Includes 9.x & 10 features
- Reads extended & standard card formats with PROM3.05 or higher
- KKI keypad interface not required
- DSC integration
- Optional outputs

**Aurora**  
N/C

### System VII

- Features and hardware supported

### REV 10

Firmware:

- Serial # letters V, W & X
- Highest firmware version 7.31/8.11
- Year 2004 – 2007

Firmware Features:

- Includes 9.x features
- Soft and timed anti-pass back
- Advanced report transactions
- Present3
- IOCB support
- Alternate communication

**Aurora**  
N/C

### System VII

- Features and hardware supported

### REV 9.8 (Q6500 - Q9999)

Firmware:

- Serial # letters R, S, T & U
- Highest firmware version 6.22
- Year 2000 – 2004

Firmware Features:

- Includes standard access control features
- Time Zone FPI
- Hard anti-pass back by all ACU reader tracking
- Standard reader PROMs 2.23 (highest)

**Aurora**  
N/C

### System VII

- Features and hardware supported

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KKT3007 03-22