

# 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 (per site)
- 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.

<b>PC109x</b> Firmware: <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> Firmware Features: <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 (revised jumper J16-D)</li><li>• Discontinued support for Smart-Gate &amp; Search Gate biometric readers</li></ul>	
<b>Aurora</b> <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>	<b>System VII</b> <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.

<b>PC101x</b> Firmware: <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> Firmware Features: <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>	
<b>Aurora</b> N/C	<b>System VII</b> <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

© 2023 dormakaba. Information on this sheet is intended for general use only. dormakaba reserves the right to alter designs and specifications without notice or obligation.

dormakaba USA Inc.  
6161 E. 75th Street  
Indianapolis, IN 46250

dormakaba Canada Inc.  
7301 Decarie Blvd  
Montreal, QC H4P 2G7

1 888 539 7226  
www.dormakaba.us

KKT3007 06-23