Q-SYS Core Processor

Quick Start Guide

Core 5200-G2 Enterprise Processor

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⚠ IMPORTANT SAFETY INSTRUCTIONS ⚠

- Read these instructions and keep a copy for future reference. Strictly follow and heed all instructions and warnings. Install the device only as instructed.
- Do not use or submerge this device in or near water or liquids.
- Clean only with a dry cloth. Do not use any aerosol spray, cleaner, disinfectant or fumigant on, near, or into the device.
- Do not install the device near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers).
- Refer all service to qualified personnel.
- Observe all applicable local codes. Consult a licensed professional engineer when devising an equipment installation to ensure compliance.

Maintenance and Repair

Advanced technology—e.g., the use of modern materials and powerful electronics—requires specially adapted maintenance and repair methods. To avoid subsequent damage to the equipment, personal injury, and/or creation of additional safety hazards, have all maintenance or repair work on the equipment performed only by a QSC authorized service station or an authorized QSC international distributor. QSC is not responsible for any injury, harm, or related damages that arise from any failure of the customer, owner, or user of the equipment to facilitate those repairs.

Hardware Description

The Q-SYS Core 5200 is a high-performance Enterprise Processor built on the PowerEdge™ R740 enterprise server platform from Dell™. The PowerEdge R740 is Dell's 14th generation enterprise server platform and is one of the most trusted server platforms on the market today. The Core 5200 hardware is uniquely configured to meet the processing demands and low-latency, real-time performance of Q-SYS. The Core 5200 ships with the latest Q-SYS firmware and feature set pre-installed and with support for local and remote monitoring via familiar IT tools that only Q-SYS and the PowerEdge R740 can offer.

The Q-SYS Core 5200 comes with redundant boot media and with redundant hot-plug power supplies with active hot-spare technology as standard features. Also standard is QSC's 2.5" SATA SSD Q-SYS Media Drive for ample storage of media files.

Figures 1 through 3 illustrate the front and rear panels of the Q-SYS Core 5200.

For additional information regarding hardware specifications, regulatory compliance, or iDRAC9, visit the Dell server website at: www.Dell.com/servers.

For additional information regarding the Q-SYS Core 5200 and other software feature specifications, Q-SYS Designer and other Q-SYS Systems products or solutions, visit the Q-SYS website at www.qsys.com.
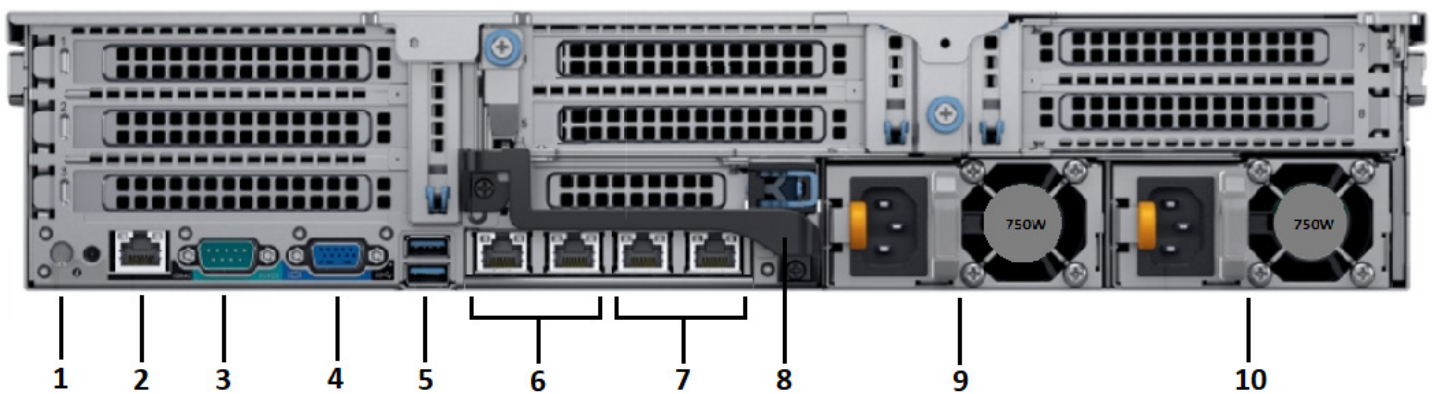
— Figure 1 — Front panel with bezel

1. Status and ID indicator (enabled via Q-SYS Designer Software)
2. Bezel lock
3. Removable active bezel
4. LCD navigation buttons
5. LCD (displays Q-SYS Core name, status, or health alerts)
6. Power button
7. VGA video output (female HD-15)
8. USB 2.0 host ports
9. Slide-out information tag[1]
10. Q-SYS 960 GB Media Drive[2]

1 Includes the product serial number and Q-SYS support contact information.
2 The Q-SYS Core 5200 Enterprise Processor comes with an MTP-16 16-track audio player as a standard feature. Upgrades to 32, 64, and 128 tracks are available.

— Figure 2 — Front panel with bezel removed

— Figure 3 — Rear panel features

1. ID indicator (enabled via Q-SYS Designer Software)
2. iDRAC9™ Enterprise Port (RJ45)[1]
3. Serial communications RS232 (male DE-9)
4. VGA video output (female HD15)
5. USB 3.0 host ports
6. Q-SYS LAN A and LAN B multimedia ports (two RJ45)
7. Q-SYS AUX ports (two RJ45)
8. Rear handle
9. Power supply unit 1 (750 W, universal AC voltage)
10. Power supply unit 2 (750 W, universal AC voltage)

1 The iDRAC9 port is configured with the default IP address 192.168.0.120.
   Default username: **root**   Default password **calvin**

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Knowledge Base

Find answers to common questions, troubleshooting information, tips, and application notes. Link to support policies and resources, including Q-SYS Help, software and firmware, product documents, and training videos. Create support cases.

support.qsys.com

Customer Support

Refer to the Contact Us page on the Q-SYS website for Technical Support and Customer Care, including their phone numbers and hours of operation.

qsys.com/contact-us/

Warranty

For a copy of the QSC Limited Warranty, go to:

qsys.com/support/warranty-statement/