Manuals+ — User Manuals Simplified.

Q-SYS Core Nano Processor User Guide

**Core Nano Processor
User Guide**

Contents

Solutions Overview Guide

Meeting Room Solution: Extra Large Conference Room – Seat Count: 14 +
Bring the Google Meet experience to your extra large sized high-impact rooms with Q-SYS. Our extensive portfolio of Google Meet Certified devices enables designing to the needs of the room, including loudspeaker options for in-ceiling, open ceiling, and directional audio requirements. In addition to audio processing, the Q-SYS Core Processor supports multi camera switching, automation, and room control.
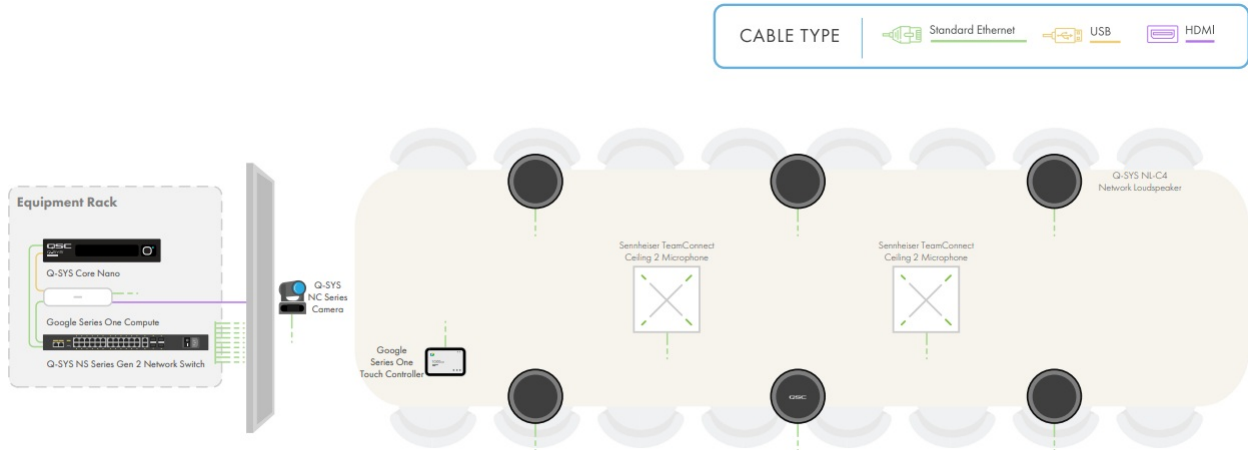
- The Q-SYS Core Nano Processor is the hub of the system. It connects to the Google Series One Compute with a single driverless USB connection for audio and video.
- The Certified Google Meet sample design provides certified audio settings for Google Meet Rooms, including advanced configurable acoustic echo cancellation (AEC) and noise reduction delivering echo free audio even in the most challenging rooms.
- Q-SYS NC-12×80, a network PTZ camera, uses the power of the network allowing you to use as many Q-SYS network conference cameras in the space providing multiple points of view to frame the right shot.
- Q-SYS NL-C4 and NL-P4 are ideal for overhead loudspeaker placement for in-ceiling and open ceiling applications respectively. Both options integrate into your space with a single Ethernet cable to reduce overall

hardware footprint and lower system cost.

- Q-SYS NL-SB42 is a network soundbar ideal for placement at the display for directional audio applications
- Sennheiser TeamConnect Ceiling 2 auto dynamic beamforming technology enables flexible room configurations and captures speech from anywhere in the room.
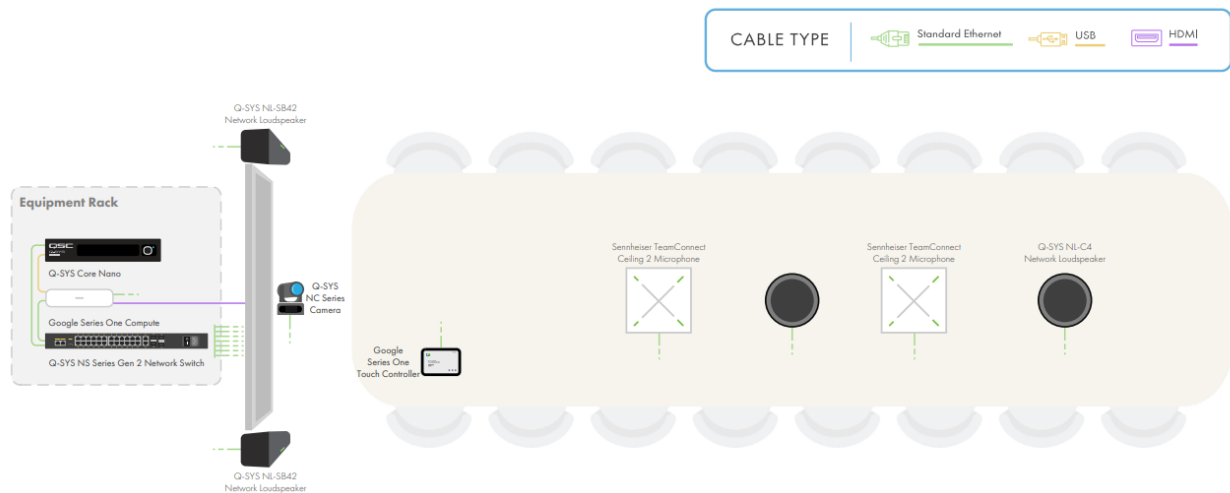
In-ceiling microphone and loudspeakers
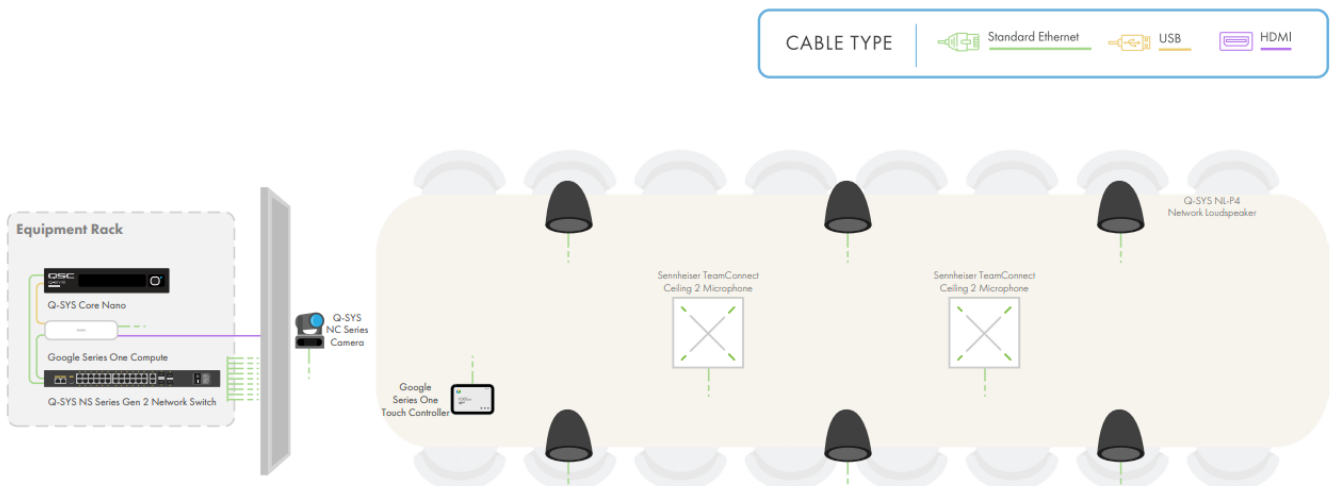A traditional meeting spaces with a standard ceiling height and a desire to keep the table top clear.

Directional loudspeaker
Ability for far end audio to come from the front of room to deliver a more realistic experience.

Pendant loudspeakers
A open ceiling environment where traditional loudspeakers are not practical.

Core Components: Product	Quantity	
Q-SYS Core Nano processor	1	
Q-SYS NS26-300+ network switch	1	
Q-SYS NC-12×80 network camera	1	
Sennheiser TeamConnect Ceiling 2 microphone	2	

Loudspeaker Options (Choose one configuration*) Product	Quantity	
Q-SYS NL-C4 ceiling network loudspeaker	6	
Q-SYS NL-P4 pendant network loudspeaker	6	
Q-SYS NL-SB42 network loudspeaker Q-SYS NL-C4 ceiling network loudspeaker	2 2	

*All configurations use the same core components. Please choose one product option from the loudspeaker list based on your room infrastructure and space needs for a complete system.

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Documents / Resources

Q-SYS Core Nano Processor [pdf] User Guide
Core Nano, NS26-300, NC-12x80, NL-C4, NL-SB42, NL-P4, Core Nano Processor, Processor

References

- ⊕ **[Alliances & Partnerships](#)**
- ▣ **[Ceiling microphone TeamConnect Ceiling 2 | Sennheiser](#)**
- ⊕ **[Alliances & Partnerships](#)**
- ⊕ **[NL-C4 network loudspeaker](#)**
- ⊕ **[NL-P4 network loudspeaker](#)**
- ⊕ **[NL-SB42 network loudspeaker](#)**
- ⊕ **[NS Series Network Switches - Networking - Products - QSC](#)**
- ⊕ **[Core Nano](#)**
- ⊕ **[NC Series PTZ Conference Cameras - NC Series - Video - Products - QSC](#)**
- **[User Manual](#)**