# CONTROL4 CORE 3
## CONTROLLER

## CONTROL4® CORE 3 CONTROLLER
### C4-CORE3

CORE 3 fuses an interactive 4K menu, multiple zones of high-resolution audio, and intelligent automation with a next-generation multi-core processor to produce speed and quality that is perfect for mid-size projects. The updated 4K HDMI output delivers a beautiful, interactive on-screen menu providing instantaneous access to all of the the entertainment, lighting, comfort and security solutions. Powered by Ryff and higher-quality DACs, CORE 3 provides up to 4 independent audio zones to deliver high-resolution audio streaming from up to 12 music services, Airplay-enabled devices, or from the customers local music library.

CORE 3 provides IP, infrared (IR), serial, ZigBee and Zwave* control and automation for audio and video devices, lighting, climate control, door locks and security  devices, and more with a library of more than 19,000 drivers. With PoE+ for power, a port for Ethernet out, and its optional mounting bracket, the compact form factor of CORE 3 makes it easy to install in a rack, or alongside any TV or projector. With OvrC Pro built-in, CORE will be the foundation for networking monitoring, management, and remote connections by providing access to the entire network of IP devices, including third-party products. This powerful fusion delivers enhanced troubleshooting capabilities and diagnostic data that makes remote support easy, reduces truck rolls, and improves customer service. View device online status, manage reboots, and quickly add and configure newly discovered devices through the OvrC webpage or mobile app, and provide OvrC Home to customers to empower them with basic troubleshooting capabilities.

- New, updated processors allow CORE 1 to run OS 3 faster and more efficiently, for residential or commercial, with power to spare for new features and functionality currently in development
- Elegant, low-profile design for flexible, simple installation with an included mounting bracket that allows easy mounting to the back of a TV, on the wall, or inside a Versa Box
- 4K HDMI output paired with an advanced multi-core processor deliver the speed and performance needed for a beautiful, interactive on-screen menu for instantaneous access to video, music, lighting, comfort and security solutions
- Better quality DACs provide provide 4 zones (2x digital coax, 1x analog, 1x HDMI) of high-resolution audio with native support for up to 12 streaming services, including Deezer, TIDAL, Pandora, TuneIn, Spotify and SiriusXM, all powered by our high-resolution audio platform: Ryff
- Integrated Power over Ethernet (PoE+) offers single-cable installation for power and network, and enables remote reboot options through OvrC-enabled network switches
- Integrated 2-port Ethernet switch connects CORE 1 and television to the home network without the need to pull an additional network cable or install a network switch
- Included I/O ports (4x IR, 2x serial) and Zigbee antenna provide device control for entertainment, lighting, comfort and security devices
- USB port enables connection to external hard drives for easy access to local music content
- Built-in OvrC Pro for network monitoring and management, remote connections, and advanced troubleshooting capabilities
- An active 4Sight subscription enables Intercom Anywhere and remote access through the Control4 App for OS 3 through Android and iOS, including Apple Watch, with connection speeds faster than ever

*Zigbee antenna is functional at launch. Zwave antenna is non-functional until certification later in 2022.

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| Embedded services | |
|---|---|
| Control4 app | Supports up to 50 iOS and Android devices |
| OvrC Hub | Built-in OvrC Pro functionality |
| Music Services | Pandora, Napster, Spotify, TuneIn, TIDAL, Deezer, SiriusXM, SOUNDMACHINE, iHeartRadio, Amazon Music, Radio.com, Qobuz |
| Apple Support | Airplay-enabled devices |
| **Inputs/Outputs - AV** | |
| Video Out | 1 video out—HDMI |
| Video Out | HDMI 2.0a output; 4K @ 60Hz |
| Audio Out | 4 audio out - HDMI, 2 stereo analog, and Digital Coax |
| Audio In | 1 audio in - dig coax |
| Audio Playback | AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA |
| Audio Resolution | Up to 192 kHz / 24 bit |
| **Inputs/Outputs - Network** | |
| Ethernet | 10/100/1000BaseT compatible (required for controller setup) 1 Ethernet/POE+ in port, 1 Ethernet out port |
| WiFi | Accessory only via USB |
| WiFi Security | WPA/WPA2 |
| WiFi Antena | Accessory only via USB |
| Zigbee Pro | 802.15.4 |
| Zigbee Antenna | External reverse SMA connector |
| Zwave | Zwave 700 series |
| Zwave Antenna | External reverse SMA connector |
| USB Port | 1 USB 3.0 port |
| **Inputs/Outputs - Control** | |
| IR out | 6 IR out - 5V 27ma max output |
| IR capture | 1 IR receiver—front; 20-60 kHz |
| Serial out | 3 serial out (shared with IR out 1-3) |
| Contacts | 1x; 2-30VDC input, 12VDC 125mA max output |
| Relays | 1x; AC: 36V, 2A max across relay; DC: 24V, 2A max across relay |
| **Power** | |
| Power requirements | 100-240VAC, 60/50Hz POE+ |
| Power consumption | Max: 18W, 61 BTUs/hour Idle: 12W, 41 BTUs/hour |
| **Other** | |
| Operating Temperature | 32 - 104 F (0 - 40 C) |
| Storage Temperature | 4 - 158 F (-20 - 70 C) |
| Fan dB level | No fan |
| Wall Mount Bracket | Yes - seperate |
| Rack Mount Kit | Yes - seperate |
| Feet | Yes - included |
| **Other - Mechnical and Hardward** | |
| Front Panel LEDs | Status LEDs (listed left to right): music streaming, warning, link, power |
| ID Button | Includes LED that mimics the power LED on the front panel |
| CPU | i.MX8Mi |
| RAM | 2GB Minimum |
| Flash Disk | 16GB eMMC |
| Security | Secure Boot |
| OSD | QT OSD |

**For product photos, documentation, and installation instructions, visit ctrl4.co/controllers**

ONLINE PORTAL—CONTROLLERS

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