

# nucleus by roon



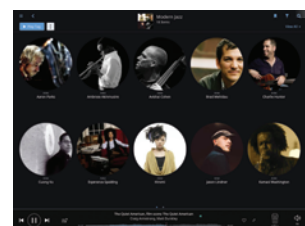
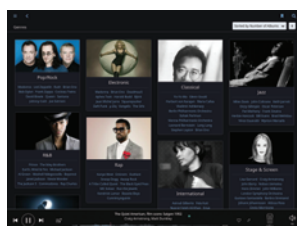
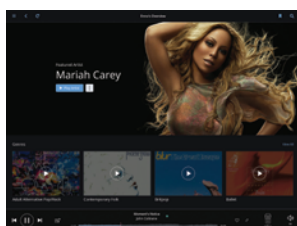
- Manages your music stored on USB hard drives, NAS, and streamed content from TIDAL
- Runs Roon OS and is controlled by the Roon Remote apps for iPad, iPhone, macOS, Android, and Windows
- Streams music to USB, Sonos®, AirPlay®, Roon Ready™, and many other audio devices
- Silent design with no fans or moving parts
- Requires a Roon subscription



Nucleus is the center of your Roon music system. It's the housekeeper, the traffic cop, and the brain that takes care of the music in your life. Using Nucleus, Roon manages all your music – on hard drives, NAS, and streaming content – and allows you to play it on all the audio devices around your home. Nucleus is the best way to run Roon at any price.

Just plug Nucleus into your network, connect your hard drives, download Roon remote apps (iOS, Android, macOS, Windows) and you'll be ready to play music using a wide variety of audio devices, including AirPlay, Sonos, Roon Ready, Devialet, KEF, Meridian, Squeezebox, and a huge variety of USB DACs.

Aside from being a powerful, fanless music server, what sets Nucleus apart is that it's powered by Roon OS – a fast and lightweight operating system optimized to do just one thing: browse and play music. Roon is a multi-room, multi-user networked audio platform built to the exacting standards of audiophiles, so it offers features like bit-perfect playback, DSD and PCM upsampling, multichannel playback, and signal path display.



Specifications	Nucleus	Nucleus+
Dimensions	212mm (W) x 156mm (D) x 74mm (H) 8.3" (W) x 6.1" (D) x 2.9" (H) 3.85kg gross weight (in retail package) 2.5kg net weight (product only)	212mm (W) x 156mm (D) x 74mm (H) 8.3" (W) x 6.1" (D) x 2.9" (H) 3.85kg gross weight (in retail package) 2.5kg net weight (product only)
Input voltage	12-19V DC	12-19V DC
I/O ports	(2x) <b>USB 3.0</b> (for hard drive and/or DAC) (1x) <b>HDMI</b> (stereo/multi-channel audio output) (1x) <b>Gigabit Ethernet LAN</b>	(2x) <b>USB 3.0</b> (for hard drive and/or DAC) (1x) <b>HDMI</b> (stereo/multi-channel audio output) (1x) <b>Gigabit Ethernet LAN</b>
Internal drive support	2.5" SATA SSD or HDD (optional). Drives of any storage capacity are supported, but limited to maximum 9.5mm drive height. (Note: user-installed drive will be formatted on first use)	2.5" SATA SSD or HDD (optional). Drives of any storage capacity are supported, but limited to maximum 9.5mm drive height. (Note: user-installed drive will be formatted on first use)
External drive support	USB 2.0/3.0 drives of any size	USB 2.0/3.0 drives of any size
Library capacity	Up to 10,000 albums (100,000 tracks)	Over 10,000 albums (100,000 tracks)
Multi-room streaming	Up to 6 simultaneous zones	More than 6 simultaneous zones
DSP capability	All DSP functions available in the PCM domain. Certain combinations of functions using DSD source or destination formats may not be possible.	All DSP functions available.

## Roon Ready partners

