

Minimum System Requirements

The tables below list the minimum system specifications your computer should meet to be able to use the Dante Virtual Soundcard in conjunction with a typical audio application such as Steinberg's Cubase. A more powerful computer may be required if Dante Virtual Soundcard is being used with or alongside other applications requiring significant computing resources or disk I/O transfers.

Disclaimer: It is possible that your computer may meet the requirements below but suffer from some other individual performance limitation related to its particular hardware. Please seek the advice of your computer support team.

Note: For licenses other than DVS Pro, Dante Virtual Soundcard does not support installation on virtual machines.

Hardware

| Component | Minimum Requirement |
|--------------|---|
| Processor | Dual core CPU |
| Memory | 4 Gigabytes of RAM |
| Network | <ul style="list-style-type: none">• 1 Gigabit (1Gb) wired Ethernet interface; or:• USB 3.0-to-Ethernet adapter compliant with CDC-NCM Wireless LAN (Wi-Fi) Ethernet interfaces are not supported |
| Storage/Disk | As is the case with any application of this type, higher transfer rates are required for recording and playing back large numbers of audio tracks to and from disk. Disk speeds of 7200rpm and above are recommended for more than 16 channels of record / playback from disk. |

Recommended for Over 64 Channels

Mac

- Mac Mini M1 or desktop Macs
- MacBook Pro models: Suitable for *recording only* at high channel counts (not for simultaneous recording/payout).

Windows

- Intel i7 CPU
- 8 Cores
- 16 GB RAM
- AMD machines are not recommended

Note: These specifications ensure optimal performance of DVS with typical audio applications. More powerful hardware may be required if running resource-intensive applications alongside DVS.

Operating Systems

Windows

| Component | Minimum Requirements |
|-------------------|---|
| Operating System | Windows 10 or 11 NOTE: Both UTF-8 and Unicode are supported EXCEPT for host or device names; the DNS standard does not support Unicode for these. |
| Windows Drivers | System drivers must be of the performance standard expected by the Windows Logo Program |
| Audio Application | Must support the ASIO audio device interface for multi-channel recording / playback, or support WDM (Windows Driver Model) audio. |

macOS

| Component | Minimum Requirements |
|-------------------|--|
| Operating System | macOS 13, 14 or 15 |
| Audio Application | Any audio application using the standard Core Audio interface to a sound card (e.g. iTunes, Cubase, Nuendo, Logic) |

Operating System Updates

Ensure your computer has the latest Windows or Apple Updates installed.

Audio Application Compatibility

- Windows: ASIO or WDM.
- MacOS: Core Audio

Supporting Services

Dante Virtual Soundcard relies on supporting services for automatic Dante device discovery and for Dante device control and monitoring. These services must be installed and running for Dante software and devices to function properly.

On macOS, Dante Virtual Soundcard relies on the Apple Bonjour service for device discovery. Bonjour is installed as part of macOS, and runs automatically as a background service.

On Windows, Dante Virtual Soundcard uses the Audinate 'Dante Discovery' service for device discovery. Dante Discovery is installed and started automatically when you install Dante Virtual Soundcard. On macOS and Windows, Dante devices and software use the Audinate 'ConMon' service for control and monitoring. ConMon is installed and started automatically when you install Dante Virtual Soundcard.