



PIERO Touch Hardware Requirements

This document outlines the hardware requirements for running PIERO Touch on Mac and Windows systems. Ensure that the designated system meets the recommended specifications described in the following sections:

- Mac System Requirements
- Windows System Requirements
- Intel® NUC Support
- Network Requirements

Mac System Requirements

Any Mac system that meets the hardware requirements for PIERO is suitable for running PIERO Touch. No additional specifications are required.

Ensure that the touchscreen hardware is compatible with the selected macOS version.

Networking requirements must be accounted for (see [Network Requirements](#)).

Windows System Requirements

Ross Video recommends the following minimum specifications for running PIERO Touch on a Windows system. These specifications cover all supported use cases.

Component	Specification
CPU	4-core CPU, 3.0 GHz or higher
Memory	8 GB RAM
GPU	Discrete GPU (any mainstream currently supported NVIDIA GPU; 2020 or later NVIDIA GTX card. Contact Ross Video Technical Support for details.)
Operating System	Windows 10 or Windows 11

Networking requirements must be accounted for (see [Network Requirements](#)). Additional network interface cards (NICs) may be required for workflows involving multiple 4K I/O streams.

Intel® NUC Support

A compact Intel® NUC13ANKi7 system has been tested with PIERO Touch. This quiet, compact machine ships with a VESA mount, making it suitable for mounting on the rear of a touchscreen display.

Testing confirmed reliable performance at 1080p 60 fps, including operation with up to two additional NDI streams. 4K 60 fps operation is also supported, provided no additional NDI streams are used. Testing was performed in an environment maintained at 23°C (75°F), with the NUC operating in open airflow conditions.

The NUC must run PIERO Touch in standard NDI mode.

NUC13ANKi7 Specifications:

Component	Specification
CPU	Intel® Core™ i7-1360P
Memory	16 GB RAM
Storage	Kingston SNV2S500G SSD
Operating System	Windows 11

Higher-specification Intel® NUC systems are expected to perform similarly; however, alternative configurations are not guaranteed.

Network Requirements

PIERO Touch systems require the following network bandwidth to communicate with the primary PIERO system:

- 60 Mbps per 1080p 60 fps stream
- 250 Mbps per 4K NDI stream

Quality of Service (QoS) is highly recommended, as PIERO Touch is sensitive to network response time.

Most common PIERO Touch workflows use a single NDI stream. However, additional NDI streams are required when streaming secondary video sources, using an NDI background, or adding additional NDI Video windows.

A wired Ethernet connection is strongly recommended. PIERO Touch should not be used over Wi-Fi.

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