



PENTA VIRTUAL CENTER - COSMOS PENTA

Preparation PENTA VIRTUAL CENTER is compatible with Mac and Windows operating systems. As a social and business platform, seamless Internet connection is vital to a positive user experience. Firewalls, while necessary to protect networks from malicious attacks, can also interfere with Penta Virtual CENTER's ability to communicate with other users. To ease the transition for users to the virtual world, we recommend working with the IT team to open ports 80 and 5060 in UDP and add Penta Virtual Center to the antivirus whitelist, if available. These ports are often leaked or can be blocked entirely, and this will prevent the Penta Virtual Center voice protocols from working. Additionally, we recommend that the IT team of each client carry out tests, installation support and accompaniment. configuration and verify that the application is working properly.

Supported operating systems

- Windows 7 SP1 + or newer
- Mac OS X 10.15.4 or newer

Hardware requirements

Note: The minimum requirements are those necessary to run Penta Virtual Center. If your computer does not meet these requirements, we cannot guarantee that your computer can run Penta Virtual Center. To get the best performance from Penta Virtual Center, we suggest meeting or exceeding the "recommended requirements".

Requirements for users

It is necessary to verify if the devices are compatible with the following recommendations, close all applications so that most of the resources of the equipment are focused on PENTA VIRTUAL CENTER.

Windows

- Minimum requirements Windows 7 SP1 updated.
- Recommended requirements Windows 10 updated to its latest version.
- Installation through an executable is required (13 MB approx.), It is recommended to have updated video drivers.

Hardware

PC or Laptop with Windows Operating System

Minimum requirements

Components	Minimum
Intel core i5 / AMD Phenom II CPU	2GHz minimum
RAM	4GB to 8GB
GPU	DX10 graphics (shader model 4.0) and / or at least 1 GB of built-in memory
Integrated sound card	DirectSound compatible
Storage	2.5GB

Apple

It is necessary to have the updated Mac OS Catalina operating system.

Hardware Requirements

- Minimum for Mac

Installation via an executable is required (approx. 13 MB), it is recommended that Mac OS be updated to its latest version.

Requirements.

Components	Minimum
Intel Core i5 CPU	2GHz minimum
RAM	4GB to 8GB
GPU	DX10 graphics (shader model 4.0) and / or at least 1 GB of built-in memory
Integrated sound card	DirectSound compatible
Storage	2.5GB

The intercom app is optional and requires iOS 8.0 or later. Compatible with iPhone, iPad, iPod touch and Android superior to Android 6.

Note: If your computer does not meet these requirements, we cannot guarantee that PENTA VIRTUAL CENTER can run. To get the best performance from PENTA VIRTUAL CENTER, we suggest meeting or exceeding the recommended requirements

Broadband required.

1. 10-20 Mbps broadband is recommended for better platform stability.
2. The internet connection is recommended to be wired, if you do not have this type of connection a stable wifi connection is recommended and if it is possible to be close to the modem or router.