



SmartClass[®] BY ROBOTEL

WORKSTATION RECOMMENDATIONS



These recommended requirements apply to the SmartClass language teaching platform when equipped with software-based audio Intercom and screen-sharing.

For systems using either hardware-based audio Intercom and/or screen-sharing, the requirements are less demanding.

TEACHER **LIVE** + **HUB** WORKSTATION

Operating System:

- Windows 10 or 11, 32 or 64 bits.
- Windows Home or lesser versions are not supported.

Processor:

- Multicore CPU
- 2,5 GHz or better

Memory:

- 16 GB or better

Storage:

- SSD drive
- 250 GB (not including storage for the SmartClass-Server/ database. Should be hosted on a separate device, NAS or Windows Server).

Network connection:

- Wired 1 Gbps network connection minimum
- WIFI is not supported for Teacher LIVE

Display configuration:

- Single-screen or Dual-screens
Dual screens offer a better experience.
- Monitor resolution 1366 x 768 or better
 - Secondary monitor resolution should be the same as primary.
 - Installations of more than 2 monitors are also supported for example 2 monitors and 1 projector.

Sound card:

- Headsets input(s): dual stereo jacks or single combo jack
- Input enabled for headset microphone
- Playback codec: 16-bit or 24-bit, **44,100Hz**
- If Playback at 44,100Hz is not supported on the teacher PC sound card, an auxiliary sound card will need to be installed (USB or internal).

Network Ports needed for Teacher **LIVE** + **HUB** Workstation:

- Port 33359 bidirectional for SmartClass BYOD Manager
- Ports 33378, 33379, 33389, 80 bidirectional for SmartClass Student workstations

STUDENT **LIVE** + **HUB** WORKSTATIONS

Operating systems:

- Windows 10 or 11 (Recommended OS for best performance)
- Windows Home or lesser versions are not supported
- MAC OS-X Monterey 12.6.3 or newer
- Chromebook-Chromebox (Android Play Store app)
- iOS 8 or newer
- Android 8 or newer

Processor:

- Multicore CPU
- 2,5 GHz or better (Windows)

Memory:

- Windows 8 GB or better
- MAC OS 4 GB or better
- Other devices 2GB or better

Storage:

- SSD drive
- 125 GB (Windows/MAC)
- 16GB other devices

Network connection:

- Wi-Fi AC 5 GHz or better
- Wired 100 Mbps
- **Wired 1 Gbps recommended for best performance**

Sound card:

- Headsets input(s): dual stereo jacks or single combo jack
- Input enabled for headset microphone.

Network Ports needed for Student **LIVE** + **HUB** Workstations:

- Port 33378, 33379, 33389, 80 bidirectional for SmartClass Teacher workstation
- Ports 33359, 33389, 80 bidirectional for SmartClass BYOD



TEACHER HUB ONLY WORKSTATION

Operating system:

- Windows 10 or 11, 32 or 64 bits

Processor:

- Multicore CPU
- 2,5 GHz or better

Memory:

- 8 GB or better

Storage:

- SSD drive
- 125 GB (not including storage for the SmartClass-Server/data base. Should be hosted on a separate device, NAS or Windows Server).

Network connection:

- Wi-Fi AC 5 GHz or better
- Wired 100 Mbps (Wired 1 Gbps recommended)

Display configuration:

- Single screen
- Monitor resolution 1366 x 768 or better

Sound card:

- Headsets input(s): dual stereo jacks or single combo jack
- Input enabled for headset microphone



This document has been prepared for technical personnel.

It should be shared with members of the school's IT department.

Every attempt has been made to cover all key requirements, but for more in-depth coverage, please refer to the installation guides for the various SmartClass modules (**HUB**, **LIVE**, **WEB Manager**, **BYOD MANAGER**).