WORKSTATION RECOMMENDATIONS

SmartClass BY ROBOTEL

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.

WEB MANAGER

- Web Manager gives access to the SmartClass-Server in the school network or from the Web.
- WEB Manager requires a dedicated public IP port and a 1 Gbps wired network or better.
- Remote access to cloud-hosted databases requires no specialized local applications.

Operating system:
- Windows Server 2016 or newer

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)
- SmartClass-Server can be hosted on the same Windows Server
- BYOD Manager cannot be hosted on the same Windows Server

Network connection:
- Wired 1 Gbps network connection minimum
- WIFI is not supported for WEB Manager

Network Ports needed for WEB Manager:
- Web Manager communicates with installed SmartClass apps (teacher and student workstations) via TCP port 80

Web access for WEB Manager:
- A redirection will be needed between a fixed public IP to the local IP for the server hosting WEB Manager.
- The default local TCP port for the WEB Manage is port 80. A different port can be selected if port 80 is not available.
- For the Public IP, a random port can be used in place of port 80.
- Example, for public IP 12.12.12.12 and local IP 10.10.10.10. A redirection can be created to redirect all traffic on public IP 12.12.12.12:8080 to local IP 10.10.10.10:8080