



ETS Certified Test Administrator Services (CTAS) Technical Requirements

Computer Requirements

- A. **Administrative Station:** Required for image capture, candidate check-in and other administrative tasks.
- B. **Cache Proxy (or Internet Authentication Service (IAS) local server):** This pc is required for storing test delivery information and temporary storage of candidate results.
- C. **Testing Stations:** Required for delivering tests (one testing station per candidate).

Required Operating Systems and Browsers for ETS Internet-Delivered Testing (iBT)

A. Operating Systems

- 1. Windows® 10 (32-bit) is no longer supported after January 26, 2025
- 2. Windows® 10 (64-bit) is no longer supported after October 2025
- 3. Windows® 11

B. Browsers

- 1. You must use Microsoft Internet Explorer® (IE) v10, v11 or Edge.

C. Notes

- 1. The operating system should reside on, and boot from, the computer's local hard disk. Virtual machines and thin clients are not supported.
- 2. Macintosh® or iMac® are not supported or approved for use with test delivery on the TOEFL iBT® platform.
- 3. Microsoft® Server Operating System or Linux® are not supported.
- 4. Windows® 8 and 8.1 are not supported.

Local Area Network (LAN) and Internet Connectivity

Cache proxy, administrative and testing station computers should:

- A. Reside on a LAN in the same subnet to allow communication between test delivery applications without blocking of any ports.
- B. Be connected to the internet via a broadband internet connection with a minimum download speed of 4 Mbps and upload speed of 1 Mbps.
- C. Allow test delivery applications accessing TCP port 80 and 443. More detailed technical requirements and whitelist information is available in the [Test Center Configuration Tips \(PDF\)](#).

Note: We strongly recommend using a separate device for LAN (switch) and internet connectivity (router) instead of using an integrated device.



Specifications for Administrative and Testing Stations

- A. Minimum Processor: Benchmark: 4000. Refer to the [Passmark CPU Benchmark values](#).
- B. Minimum Installed Memory: 4 GB
- C. Minimum Free Memory: 1 GB
- D. Free Disk Space: 2 GB
- E. Display Adapter: 1024x768 resolution, with 32-bit color depth/65,536 colors
- F. Display Monitor: Widescreen monitors must support an aspect ratio of 4:3
- G. Display Monitor Screen Size: LCD/LED 15-inch or higher
- H. Sound Card: 44.1 KHz (or better) sample rate
- I. Keyboards: QWERTY keyboards are required for all computers

Note: Logitech® C270, C210, C170 and Microsoft VX800 webcams are approved for image capture at the Administrative Station. KOSS® SB45 headsets are approved for audio recording/playback on the Testing Stations.

Specifications for Cache Proxy (or IAS Local Server) Computers

- A. Maximum number of concurrent test takers: 40
- B. Minimum Processor: Benchmark: 4000. Refer to the [Passmark CPU Benchmark values](#).
- C. Minimum Installed Memory: 4 GB
- D. Minimum Free Memory: 2 GB
- E. Minimum Free Disk Space: 5 GB
- F. Keyboards: QWERTY keyboards are required for all computers

If the recommended specifications above are not sufficient to upgrade your system to Windows 11, and the upgrade requires you to purchase a new PC, please follow the recommended Guidelines when selecting your new device.

Specifications for Administrative and Testing Stations (if you are purchasing new equipment, please follow the new guidelines)

Windows 11

- A. Minimum Recommended processor: Intel processor 10th Gen+ i3, i5, i7 processor or processor with CPU Benchmark 8000+ rating (https://www.cpubenchmark.net/cpu_list.php)
- B. Minimum installed memory: 8GB
- C. Minimum Free Disk Space: 10GB
- D. Display resolution: minimum of 1024x768 pixel and 32-bit colors
- E. Display Monitor: LCD/LED 15-inch or higher
- F. Sound Card: with 44.1khz or higher sample rate
- G. Keyboards: QWERTY keyboards are required for all computers



Specifications for Cache Proxy (or IAS Local Server) Computer (if you are purchasing new equipment, please follow the new guidelines)

Windows 11

- A. Minimum Recommended processor: Intel processor 10th Gen+ i3, i5, i7 processor or process with CPU Benchmark 8000+ rating (https://www.cpubenchmark.net/cpu_list.php)
- B. Minimum installed memory: 8GB
- C. Minimum Free Disk Space: 10GB
- D. Keyboards: QWERTY keyboards are required for all computers

Technical Configuration

Test center technicians must review the [Test Center Configuration Tips \(PDF\)](#) to ensure that they can configure the test center network and desktop environment for internet test delivery.