

# GED CCT Technical Requirements



## Warning

This document is designed for test centers that will deliver GED exams exclusively. If the test center will deliver exams for other clients, they should follow the guidelines in the [PVTC CCT Technical Requirements](#).



## Warning

**The following items are strictly prohibited:**

- **Mac** hardware running any operating system.
- Virtual environments in any form



## Warning

Any Windows user account that interacts with the VTS software on the **Server, Administration, Proctor, or exam delivery workstation** is **required** to have **local administrator rights** on that workstation. This includes both installing and running the VTS software.

### System requirements

Effective **November 1, 2025**, the following pages list the minimum system requirements for installing and running the Pearson VUE Testing System, and for operating as a test center. **Pearson recommends purchasing equipment that meets or exceeds the Recommended Specifications.** The minimum requirements will change periodically based on the needs of our exam sponsors.

### Hardware configuration

All-in-one PC's are permitted if they meet the minimum Technical Specification and the Touch screen is disabled.

### Software licenses

All test centers must have Windows operating systems that have completed online activation. Application software installed on all exam delivery workstations must also have current licensing. Windows Operating Systems must pass Genuine Windows Validation. Evaluation copies are not supported.

### Network configuration

Pearson VUE **strongly recommends** that all machines with VTS Software installed remain in the same domain or workgroup, VLAN, and subnet. Network configurations that do not follow this guideline may experience decreased exam delivery performance. You may be asked to make changes to your network configuration to comply with these guidelines as part of problem resolution.

The following ports/URLs are also required to be open for the software to function properly:

- 80, TCP - HTTP
- 443, TCP - HTTPS
- 80, TCP - HTTP
- 443, TCP - HTTPS
- Requires port 7080 and 57000 open

Ensure that all traffic to and from the following URLs is unblocked/unfiltered:

- \*.pearsonvue.com
- \*clientupgrade.cct-pearsonvue.com
- \*gateway.pearsonvue.com
- \*clientinfo.cct-pearsonvue.com

## Internet bandwidth

All exam deliveries require a stable Broadband Quality Internet connection.

The required internet up/down speed depends upon the total number of Administrative workstations, exam Delivery workstations, admissions equipment devices, and video cameras. Your Pearson VUE Channel Sales/Channel Care manager will help you determine the required bandwidth for your site.

### Monitors – exam delivery

All test centers are required to use monitors that meet the following criteria.

#### Monitor

- **15.6-inch** or larger for laptops – external monitors **24-inch**
- Must allow for the following display resolution settings and be set to the highest resolution:
  - **1920 x 1080 (set to this resolution)**
- Monitors must be connected to the computer using **DVI**, **DisplayPort**, or **HDMI**

#### Desktop graphics adapter

- Exam delivery workstations and laptops must have a graphics adapter that supports **GPU Scaling** (ability to Maintain Aspect Ratio).
- Exam delivery workstations and laptops must have the GPU Scaling feature enabled in the graphics adapter software.
- The latest version of graphics drivers must be installed.

## Pearson VUE specific hardware

These components may be purchased from Pearson VUE or a third-party source.

### Web camera

Logitech HD Webcam C615, or  
Logitech Pro C920 Pro HD Webcam, or  
Logitech C920e Business Webcam



#### Note

Pearson VUE strongly recommends purchasing 2 web cameras. If the first camera breaks down, you cannot deliver any exams until a replacement is in place.

### Signature device

ePadLink: ePad Signature Pad – Model VP9801 or  
ePadLink: ePad II Signature Pad – Model VP9851

### External peripherals for laptops

#### External mouse

Because many candidates are not comfortable using a touchpad mouse, this could negatively affect the results of their exam. Therefore, an **external mouse is required for every exam delivery laptop.**

#### External keyboard

Some candidates are not comfortable typing on a laptop keyboard, and this could negatively affect the results of their exam. Therefore, **external keyboards must be available to candidates if they request one.**

#### External monitor

Candidates configured with **Font Accommodations** must automatically be provided with an **external monitor, keyboard, and mouse.**

## Administration and proctor – laptop

### Operating System

**\*\*Windows 11** Professional or Enterprise

**\*Windows 11** Education Edition

\*You must have the latest version of Windows 11 with all current patches installed. You should run monthly updates for any OS updates.

### Processor

#### Minimum required:

Intel: **i5** Generation 8 or higher

AMD: **Ryzen 5** or higher

#### Recommended specifications:

Intel: **i7** Generation 8 or higher

AMD: **Ryzen 7** or higher

\*Please refer to the Microsoft website to ensure the Intel i5/i7 or Ryzen 5/7 processor is compatible with Windows 11.

### RAM

**16 GB** of RAM

### Hard drive

**256 GB** available disk space.

Solid-State Disk (SSD)

### Graphics adapter

- Video Adapter must support **DirectX 12** or higher and **OpenGL 2.0** or higher. Latest drivers installed.
- The **WDDM Driver** version must be **2.0** or higher.
- **128 MB** of dedicated Video RAM or the ability to increase dedicated video memory to 128 MB via bios change.



#### Note:

**OpenGL 2.0** or higher is required regardless of whether it is an “integrated chipset” or a machine with a dedicated video card.

- All computers and monitors must be connected via **DVI**, **DisplayPort**, or **HDMI**.

### Display

**24-inch external monitor.**

### Mouse and keyboard

#### Minimum required:

- Built in English QWERTY Keyboard
- Built in Touch Pad Mouse

#### Recommended specifications:

- External English QWERTY Keyboard
- External 2 Button Wheel Mouse



### USB ports

#### **Minimum required:**

2 available USB 2.0 ports for:

- Signature Pad admissions equipment
- Camera admissions equipment

#### **Recommended specifications:**

4 available USB 2.0 ports for:

- External English QWERTY Keyboard
- External 2 Button Wheel Mouse
- Signature Pad admissions equipment
- Camera admissions equipment

### Internet connection

See [Internet bandwidth](#) requirements above.

### Internet browser

Latest version of **Edge**, **Chrome**, or **Firefox**.

### Printer

**600 DPI** Laser Printer.

### Additional software

- **.NET 4.0** is installed with the VTS software.
- **.NET 3.5** must be enabled on the Administration/Proctor laptop to complete the VTS installation.
- All laptops must have **Anti-Virus software** installed with a current update.

### Additional notes

- The Administration laptop must always be physically secured via **Cable Lock** or another locking device.
- The Test Administrator should be the only one that can remove the locking device from the Administration laptop. If using a laptop, please ensure that the laptop is always plugged into a power outlet and does not go into hibernation mode.
- Candidates must not have free access to the Administration or Proctor laptops at any time.
- The Windows account used to **install** the VUE Testing System Platform must have **full local Administrative rights** to properly install and update the software.

## Exam delivery – desktop

### Operating System

**\*Windows 11** Professional or Enterprise

**\*Windows 11** Education Edition

\*You must have the latest version of Windows 11 with all current patches installed. You should run monthly updates for any OS updates.

### Processor

#### Minimum required:

Intel: **i5** Generation 8 or higher  
**i3** Generation 8 or higher

AMD: **Ryzen 3** Generation 5 or higher

#### Recommended specifications:

Intel: **i7** Generation 8 or higher

AMD: **Ryzen 7** or higher

\*Please refer to the Microsoft website to ensure the Intel i3/i5/i7 or Ryzen 3/5/7 processor is compatible with Windows 11.

### RAM

Minimum required: **8 GB** of RAM

Recommended specification: **16 GB** of RAM or more

### Hard drive

**128 GB** available disk space.

### Graphics adapter

- Video Adapter must support **DirectX 12** or higher and **OpenGL 2.0** or higher. Latest drivers installed.
- The **WDDM Driver** version must be **2.0** or higher.
- **128 MB** of dedicated Video RAM or the ability to increase dedicated video memory to 128 MB via bios change.



#### Note:

**OpenGL 2.0** or higher is required regardless of whether it is an “integrated chipset” or a machine with a dedicated video card.

- All exam delivery workstations must have a **Graphics Adapter** that supports **GPU Scaling** (sometimes called Maintaining Aspect Ratio).
- All exam delivery workstations **must have the GPU Scaling feature enabled**.
- **All computers and monitors** must be connected via **DVI, DisplayPort, or HDMI**.

### Display

See [Monitors – exam delivery](#) requirements above.

### Audio

Windows compatible audio playback capability.

### Mouse and keyboard

- **English QWERTY Keyboard REQUIRED**
- 2 Button Wheel Mouse

### USB ports

2 available USB 2.0 ports for:

- English QWERTY Keyboard
- 2 Button Wheel Mouse

### Internet connection

See [Internet bandwidth](#) requirements above.

### Internet browser

Latest version of **Edge**, **Chrome**, or **Firefox**.

### Printer

**600 DPI** Laser Printer.

### Additional software

- **.NET 4.0** is installed with the VTS software.
- **.NET 3.5** must be enabled on the Administration/Proctor workstation to complete the VTS installation.
- All workstations must have **Anti-Virus software** installed with a current update.

### Additional notes

- The Windows account used to **install** the VUE Testing System Platform must have **Administrative rights** to install properly.
- The Windows account profile logged into the **exam delivery workstation** must have **full local Administrative rights** to launch the Delivery Manager software.
- If there is an approved accommodation for **Assistive Technology** (such as **JAWS** software) the exam delivery workstation requires more advanced technical requirements, such as **16 GBs of RAM**. A Pearson representative will confirm with test center staff prior to scheduling this type of Assistive Technology.

## Exam delivery – laptop

### Operating System

**\*Windows 11** Professional or Enterprise

**\*Windows 11** Education Edition

\*You must have the latest version of Windows 11 with all current patches installed. You should run monthly updates for any OS updates.

### Processor

#### Minimum required:

Intel: **i5** Generation 8 or higher  
**i3** Generation 8 or higher

AMD: **Ryzen 3** Generation 5 or higher

#### Recommended specifications:

Intel: **i7** Generation 8 or higher

AMD: **Ryzen 7** or higher

\*Please refer to the Microsoft website to ensure the Intel i3/i5/i7 or Ryzen 3/5/7 processor is compatible with Windows 11.

## RAM

<b><u>Minimum required:</u></b>	<b>8 GB</b> of RAM
<b><u>Recommended specification:</u></b>	<b>16 GB</b> of RAM or more

## Hard drive

- 128 GB** available disk space.
- 7200 rpm** HDD or Solid-State Drives (SSD) preferred.

## Graphics adapter

- Video Adapter must support **DirectX 12** or higher and **OpenGL 2.0** or higher. Latest drivers installed.
- The **WDDM Driver** version must be **2.0** or higher.
- 128 MB** of dedicated Video RAM or the ability to increase dedicated video memory to 128 MB via bios change.



### Note:

**OpenGL 2.0** or higher is required regardless of whether it is an “integrated chipset” or a machine with a dedicated video card.

- All computers and monitors** must be connected via **DVI**, **DisplayPort**, or **HDMI**.

### Widescreen Laptops:

- Must have a Graphics Adapter that supports GPU Scaling (sometimes called Maintaining Aspect Ratio).
- Must have the GPU Scaling feature enabled.

### Display

See [Monitors – exam delivery](#) requirements above.



#### Note:

- **External 24-inch monitor** or larger for candidates with Font Accommodations
- **24-inch external monitor recommended**

### Audio

Windows compatible audio playback capability.

### Mouse and keyboard

#### Minimum required:

- **Built in English QWERTY Keyboard REQUIRED**
- External 2 Button Wheel Mouse

#### Recommended specifications:

- **External English QWERTY Keyboard Required**
- External 2 Button Wheel Mouse



#### Note:

- An external keyboard is **required** for candidates with Font Accommodations.
- Sites must provide an external keyboard if candidate requests one.



### USB ports

2 available USB 2.0 ports for:

- External English QWERTY Keyboard (if requested or required by candidate)
- External 2 Button Wheel Mouse

### Internet connection

See [Internet bandwidth](#) requirements above.

### Internet browser

Latest version of **Edge**, **Chrome**, or **Firefox**.

### Printer

**600 DPI** Laser Printer.

### Additional software

- **.NET 4.0** is installed with the VTS software.
- **.NET 3.5** must be enabled on the Administration/Proctor workstation/laptop to complete the VTS installation.
- All laptops must have **Anti-Virus software** installed with a current update.

### Additional notes

- Exam delivery laptops **MUST NOT be** moved or **mobile** during exam delivery – **a locking device** is required to prevent laptops from walking away.
- An external Monitor, Keyboard, and Mouse are required for candidates with Font Accommodations.
- The Windows account used to **install** the VUE Testing System Platform must have **Administrative rights** to install properly.
- The Windows account profile logged into the **exam delivery laptop** must have **full local Administrative rights** to launch the Delivery Manager software.
- If there is an approved accommodation for **Assistive Technology** (such as **JAWS** software) the exam delivery laptop requires more advanced technical requirements, such as **16 GBs of RAM**.  
A Pearson representative will confirm with test center staff prior to scheduling this type of Assistive Technology.

## Prohibited on all workstations and servers

### Operating system

- **Evaluation versions** of operating systems are not allowed.
- **Windows Server Operating System** strictly prohibited on the exam delivery workstations and not supported on Administration workstations.
- **Virtual environments** are strictly prohibited (e.g., VMWare, Virtual PC, Citrix, Parallels, VirtualBox, etc.)
- **Mac OSX** is strictly prohibited.
- **Mac hardware** running any Operating System is strictly prohibited.
- **All Linux/Unix** based Operating Systems are strictly prohibited.

### Graphics adapter

Any Graphics Adapter that does not support **DirectX 12** or later with **WDDM 2.0 driver** or higher.

### Monitor display

- **External monitors smaller than 24"** are strictly prohibited on exam delivery workstations.
- **Dual monitors** are strictly prohibited on exam delivery workstations.
- **KVM switches** are strictly prohibited on exam delivery workstations.
- **Touch Screen monitors** must be disabled on all workstations.

## GED PVTC Technical Requirements

### USB

Portable computing devices such as, but not limited to, smartphones and tablets are strictly prohibited from being connected to the exam delivery workstation during exam deliveries.

**USB Hubs** are strictly prohibited on exam delivery workstations.

### Network

**Wireless Networks** of any kind are strictly prohibited.

**IPv6** is not currently supported.

**Network Hubs** are strictly prohibited.

### Internet connection

**SSL VPNs** are strictly prohibited. (e.g., Hotspot Shield).

### Additional software

Software that can be used to remotely access the delivery workstations during exam delivery is strictly prohibited.

## Prohibited on laptops

### Operating system

- **Evaluation versions** of operating systems are not allowed.
- **Windows Server Operating System** strictly prohibited on the exam delivery laptops and not supported on Administration laptops.
- **Virtual environments** are strictly prohibited (e.g., VMWare, Virtual PC, Citrix, Parallels, VirtualBox, etc.)
- **Mac OSX** is strictly prohibited.
- **Mac hardware** running any Operating System is strictly prohibited.
- **All Linux/Unix** based Operating Systems are strictly prohibited.

### Graphics adapter

Any Graphics Adapter that does not support **DirectX 12** or later with **WDDM 2.0 driver** or higher.

### Monitor display

**External monitors smaller than 24"** are strictly.

**Touch Screen monitors** must be disabled on all workstations.

#### Exam Delivery Laptops:

- **Dual monitors** are strictly prohibited.
- **Laptops:** Any 16:9 aspect ratio display smaller than 15.6".

## GED PVTC Technical Requirements

### USB

Portable computing devices such as, but not limited to, smartphones and tablets are strictly prohibited from being connected to the exam delivery laptops during exam deliveries.

#### **Exam Delivery Laptops:**

**USB Hubs** are strictly prohibited on exam delivery laptops.

### Network

**IPv6** is not currently supported.

**Network Hubs** are strictly prohibited.

### Internet connection

**SSL VPNs** are strictly prohibited. (e.g., Hotspot Shield).

### Additional software

Software that can be used to remotely access the delivery laptops during exam delivery is strictly prohibited.