

GED Only Technical Requirements



Warning

This document is designed for test centers that will deliver GED exams <u>exclusively</u>. If the test center will deliver exams for other clients, they should follow the guidelines in the **PVTC Technical Requirements**.

About the installation scenarios

This document describes the minimum hardware requirements to install the Pearson VUE Testing System (VTS) software in a Pearson VUE Authorized Test Center certified to deliver the GED program. The VTS software may be installed in one of two configurations: **Workgroup scenario** or **Server scenario**. Whichever scenario is installed, the hardware and software must meet Pearson VUE's minimum requirements as shown in the System requirements on page 6.



Warning

If your site is installing in a **Workgroup scenario** you are limited to no more than 15 exam delivery workstations. If you are installing on more than 15 exam delivery workstations you must use a **Server** scenario, which requires a Windows server OS.

The following items are strictly prohibited:

- Mac hardware running any operating system
- Virtual environments in any form
- Laptops as exam delivery workstations or as Servers

Laptops may only be used for exam delivery machines if the test center delivers GED exams exclusively. If exams for other clients will be delivered, then standard desktop workstations must be installed.

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.

Workgroup scenario installation - desktop

In a Workgroup scenario installation, exam delivery workstations are connected through a local area network (LAN) or workgroup to the Administration workstation which provides shared file storage. This is illustrated below.

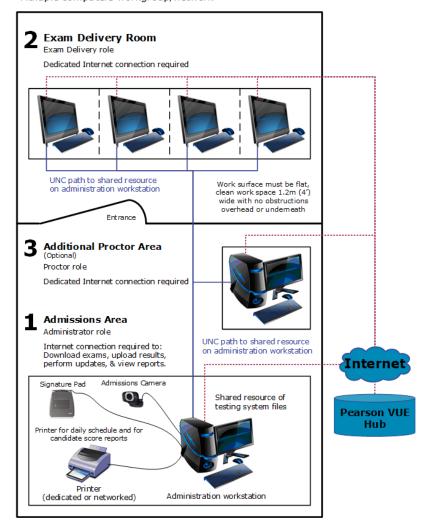


Warning

A Workgroup scenario may only use up to 15 exam delivery workstations. If you will be installing more than 15 workstations, you must use a Server scenario shown on the following page.

Pearson VUE Authorized Center

Workgroup Scenario
Multiple computers workgroup/network



Workgroup scenario installation – laptop

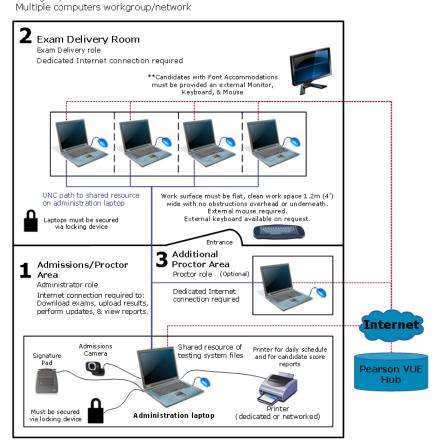
In a Workgroup scenario installation, exam delivery laptops are connected through a local area network (LAN) or workgroup to the Administration laptop which provides shared file storage. This is illustrated below.



Warning

A Workgroup scenario may only use up to 15 exam delivery laptops. If you will be installing more than 15 laptops, you must use a Server scenario shown on the following page.

Pearson VUE Authorized Center – Mobile Laptop Lab Workgroup Scenario





Warning

Laptops may only be used as exam delivery, administration and proctor machines. **Laptop Servers are strictly prohibited.**

Server scenario Installation - desktop

In a Server scenario installation, all exam delivery workstations are connected through a LAN, and a file server provides shared file storage. This is illustrated below. (Server scenario refers to a setup type and is not related to an Operating System.)

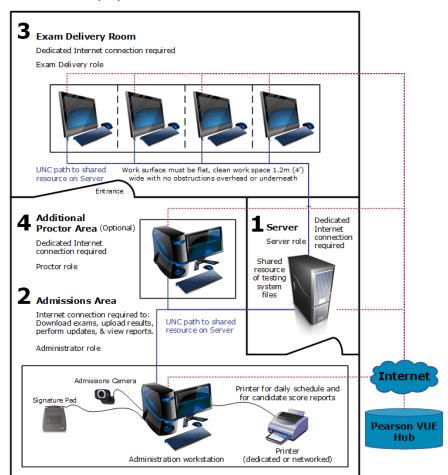


Warning

You must use a **Server scenario** if you have more than **15 exam delivery workstations**. A server operating system, such as Server 2019 or 2016, is required for more than 15 exam delivery workstations.

Pearson VUE Authorized Center

Server Scenario Multiple computers local area network (LAN)



Server scenario Installation - laptop

Laptops may be used in a Server scenario if you connect to a desktop server. Laptops may only be used as exam delivery, Administration and Proctor machines. Laptop Servers are strictly prohibited.

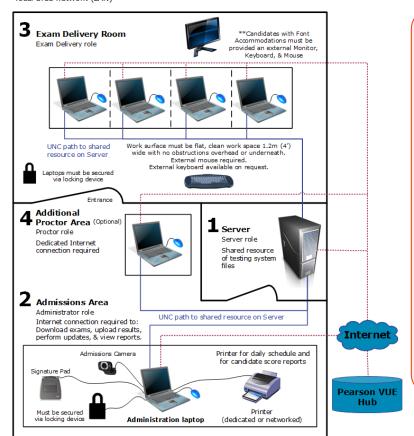


Warning

You must use a **Server scenario** if you have more than **15 exam delivery laptops**. A server operating system, such as Server 2019 or 2016, is required for more than 15 exam delivery laptops.

Pearson VUE Authorized Center - Laptop Lab

Server Scenario Multiple computers local area network (LAN)





Warning

If laptops are used in a mobile lab scenario, the server may reside in the same room as the administration/proctor laptops if candidates do not have direct access to the server. If laptops are used in a fixed test center, the server should reside in a separate room.

System requirements

Effective March 1, 2024, 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. Pearson VUE highly recommends that All-in-one PC's meet the Recommended Technical Specifications.

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.

Internet bandwidth

The minimum connection speed (Base Network) requirement of 5.0 Mbps down/ 3.0 Mbps up is required for all test centers. Some exam deliveries will require an internet connection. For Internet Based Tests (IBT), internet requirements depend on the number of delivery workstations. See the table below for details.

BASE NETWORK BANDWIDTH + 512 Kbps FOR EACH EXAM DELIVERY WORKSTATION		
1 – 15 delivery workstations	5.0 Mbps down/ 3.0 Mbps up base and 512 Kbps up/down for each workstation	
16 – 50 delivery workstations	10.0 Mbps down/ 5.0 Mbps up base and 512 Kbps up/down for each workstation	
50 – 100 delivery workstations	20.0 Mbps down/ 10.0 Mbps up base and 512 Kbps up/down for each workstation	
	For IBT exam deliveries, latency should not exceed 150 ms	

Pearson VUE specific hardware

Some exams may require test center admissions equipment. Please consult with your Pearson VUE representative to determine if these components are required for your test center. If required, these components may be purchased from Pearson VUE or a third-party source.

REQUIREMENT	ADMINISTRATION WORKSTATION
Web camera	Logitech HD Webcam C615, or
	Logitech Pro C920 Pro HD Webcam, or
	Logitech C920e Business Webcam
Signature device	ePadLink: ePad Signature Pad – Model VP9801 or
	ePadLink: ePad II Signature Pad – Model VP9851



Warning

Pearson VUE strongly recommends purchasing 2 Web Cameras. If the first camera breaks down, you will not be able to deliver any more exams until a replacement is in place.

24" Monitors – exam delivery

All test centers are required to use 24" monitors.

	REQUIREMENTS
	 Must allow for the following display resolution settings and be set to the highest resolution:
	o 1920 x 1080 (set to this resolution)
Monitor	o 1280 x 1024
	o 1024 x 768
	 Monitor must be connected to the computer using DVI, DisplayPort, or HDMI
Desktop	Exam delivery workstations must have a graphics adapter that supports GPU Scaling (ability to Maintain Aspect Ratio)
graphics adapter	Exam delivery workstations must have the GPU Scaling feature enabled in the graphics adapter software
	The latest version of graphics drivers must be installed

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.



Note

If a candidate is configured with Font Accommodations, they must automatically be provided with an external keyboard.

External monitor

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

Administration and proctor – desktop

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS
Operating System	*Windows 10 Professional or Enterprise (*Windows 11 Professional or Enterprise ((64-bit mandatory) *If you are using Windows 10 or 11, you in patches installed. You should run monthly **Windows 10 support ends October 202 Note: If you are an education education is currently	10 th generation or higher must have the latest version OS with all y updates for any OS updates. 5. hal facility, i.e., University, Windows 10
Processor	Intel: i5 Generation 4 or higher i3 Generation 8 or higher AMD: Ryzen 3 or higher *Please refer to the Microsoft website to processor is compatible with Windows 11	
RAM	8 GB of RAM 16 GB of RAM or more	
Hard drive	128 GB free disk space	
Graphics adapter	Video Adapter must support DirectX 12 or later with WDDM 2.0 driver or higher. Latest drivers installed. 128 MB of dedicated Video RAM or the ability to increase the dedicated video memory to 128 MB via bios change. All computers and monitors should be connected via DVI , DisplayPort , or HDMI .	
Display	24" monitor	
Mouse & keyboard	English QWERTY Keyboard2 Button Wheel Mouse	

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS	
USB ports	 4 available USB 2.0 ports for: English QWERTY Keyboard 2 Button Wheel Mouse Signature Pad admissions equipment Camera admissions equipment 	 6 available USB 2.0 ports for: English QWERTY Keyboard 2 Button Wheel Mouse Signature Pad admissions equipment Camera admissions equipment 2 spare ports 	
Network connection	100 Mbps Full Duplex WIRED connection to the network switch. 1 Gbps Full Duplex WIRED connection to the network switch. Strongly Recommended: All machines with VTS Software installed should remain in the same domain or workgroup, VLAN, and subnet. Warning: Wireless Networks are strictly prohibited. 3G/4G/5G connections are prohibited.		
Internet connection	See <u>Internet bandwidth</u> 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. If installing on Windows 10, .NET 3.5 must be enabled on Administration/Proctor workstation to complete the VTS installation. All workstations must have Anti-Virus software installed with a current update.		
Additional notes	Windows 10 allows for up to 15 simultaneous exam deliveries. Candidates must not have free access to the Administration or Proctor workstations at any time. The Windows account used to install the VUE Testing System Platform must have Administrative rights to properly install and update the software.		

Administration and proctor – laptop

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS	
Operating System	*Windows 10 Professional or Enterprise (64-bit mandatory) *Windows 11 Professional or Enterprise 10 th generation or higher (64-bit mandatory) *If you are using Windows 10 or 11, you must have the latest version OS with all patches installed. You should run monthly updates for any OS updates. **Windows 10 support ends October 2025. Note: If you are an educational facility, i.e., University, Windows 10 education is currently supported.		
Processor	Intel: i5 Generation 4 or higher i3 Generation 8 or higher AMD: Ryzen 3 Generation 5 or higher *Please refer to the Microsoft website to e is compatible with Windows 11.	Intel: i7 Generation 2 or higher AMD: Ryzen 5 or higher nsure the i3/i5/i7 or Ryzen 3/5 processor	
RAM	8 GB of RAM	16 GB of RAM or more	
Hard drive	128 GB free disk space Solid-State Disk (SDD)		
Graphics adapter	Video Adapter must support DirectX 12 or later with WDDM 2.0 driver or higher. Latest drivers installed. 128 MB of dedicated Video RAM or the ability to increase the dedicated video memory to 128 MB via bios change.		
Display	24" external monitor		
Mouse & keyboard	Built in English QWERTY KeyboardBuilt in Touch Pad Mouse	External English QWERTY KeyboardExternal 2 Button Wheel Mouse	
USB ports	 2 available USB 2.0 ports for: Signature Pad admissions equipment Camera admissions equipment 	 4 available USB 2.0 ports for: External English QWERTY Keyboard External 2 Button Wheel Mouse Signature Pad admissions equipment Camera admissions equipment 	

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS	
	100 Mbps Full Duplex WIRED connection to the network switch.	1 Gbps Full Duplex WIRED connection to the network switch.	
Network connection	Strongly Recommended: All machines with VTS Software installed should remain in the same domain or workgroup, VLAN, and subnet.		
	Warning: Wireless networks connections are pr	are strictly prohibited. 3G/4G/5G ohibited.	
Internet connection	See <u>Internet bandwidth</u> requirements above.		
Internet browser	Latest version of Edge , Chrome , or Firefox		
Printer	600 DPI Laser Printer		
	.NET 4.0 is installed with the VTS software.		
Additional software	If installing on Windows 10 , .NET 3.5 must be enabled on Administration/Proctor laptop to complete the VTS installation.		
	All workstations must have Anti-Virus software installed with a current update.		
	The Administration laptop must always be physically secured via Cable Lock or another locking device		
Additional	The Test Administrator should be the only one that can remove the locking device from the Administration laptop		
notes	Candidates must not have free access to the Administration laptop at any tim		
	• Windows 10 allows for up to 15 simult	aneous exam deliveries	
	The Windows account used to install the VUE Testing System Platform must have Administrative rights to properly install and update the software		

Exam delivery – desktop

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS	
Operating System	*Windows 10 Professional or Enterprise (64-bit mandatory) *Windows 10 Professional or Enterprise 10 th generation or higher (64-bit mandatory) *If you are using Windows 10 or 11, you must have the latest version OS with all patches installed. You should run monthly updates for any OS updates. **Windows 10 support ends October 2025. If you are an educational facility, i.e., University, Windows 10 education is currently supported.		
Processor	Intel: i5 Generation 4 or higher i3 Generation 8 or higher AMD: Ryzen 3 Generation 5 or higher *Please refer to the Microsoft website to ensure the i3/i5/i7 or Ryzen 3/5 processor is compatible with Windows 11.		
RAM	8 GB of RAM	16 GB of RAM or more	
Hard drive	128 GB free disk space		
Graphics adapter	Video Adapter must support DirectX 12 or later with WDDM 2.0 driver or higher. Latest drivers installed. 128 MB of dedicated Video RAM or the ability to increase the dedicated video memory to 128 MB via bios change. 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 <u>24" Monitor</u> requirements above.		
Audio	Windows compatible audio playback capability.		
Mouse & keyboard	English QWERTY Keyboard2 Button Wheel Mouse		

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS	
USB ports	2 available USB 2.0 ports for:English QWERTY Keyboard2 Button Wheel Mouse	 4 available USB 2.0 ports for: English QWERTY Keyboard 2 Button Wheel Mouse 2 spare ports 	
	100 Mbps Full Duplex WIRED connection to the network switch.	1 Gbps Full Duplex WIRED connection to the network switch.	
Network connection	Strongly Recommended: All machines w in the same domain or workgroup, VLAN,		
	Warning: Wireless networks are strictly prohibited. 3G/4G/5G connections are prohibited.		
Internet connection	See <u>Internet bandwidth</u> 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. If installing on Windows 10, .NET 3.5 must be enabled on exam delivery workstation to complete the VTS installation. All workstations must have Anti-Virus software installed with a current update.		
	The Windows account used to install the VUE Testing System Platform must have Administrative rights to install properly.		
Additional	The Windows account profile logged into the exam delivery workstation must have Administrative rights to launch the Delivery Manager software.		
notes	If there is an approved accommodation for software) the exam delivery workstation requirements, such as 16 GBs of RAM . A Fittest center staff prior to scheduling this ty	equires more advanced technical Pearson representative will confirm with	

Exam delivery – laptop

	MINIMUM REC	QUIRED	RECOMMENDED SPECIFICATIONS	
	*Windows 10 Professional or Enterprise (64-bit mandatory) *Windows 10 Professional or Enterprise 10 th generation or higher (64-bit mandatory)			
Operating System	*If you are using Windows 10 or 11, you must have the latest version OS with all patches installed. You should run monthly updates for any OS updates. **Windows 10 support ends October 2025.			
	Note	If you are an educational education is currently so	facility, i.e., University, Windows 10 upported.	
Processor	Intel: i5 Generation 4 or higher i3 Generation 8 or higher AMD: Ryzen 3 Generation 5 or higher Intel: i7 Generation 2 or higher AMD: Ryzen 5 or higher			
	*Please refer to the Microsoft website to ensure the i5/i7 or Ryzen 3/5 processor is compatible with Windows 11.			
RAM	8 GB of RAM or more			
Hard drive	128 GB free disk space.7200 rpm HDD or Solid-State Drives (SDD) preferred.			
Graphics	Video Adapter must support DirectX 12 or later with WDDM 2.0 driver or higher. Latest drivers installed. 128 MB of dedicated Video RAM or the ability to increase the dedicated video memory to 128 MB via bios change.			
adapter	Must have a Graphics Adapter that supports GPU Scaling Widescreen (sometimes called Maintaining Aspect Ratio).			
	Laptops:	Must have the GPU Scaling f	eature enabled.	
	See <u>24" Monitor</u> requirements above.			
Display	Note	Accommodations	larger for candidates with Font	
		24" external monitor red	commended	
Audio	Windows compatible audio playback capability			

	MINIMUM REQUIRED		RECOMMENDED SPECIFICATIONS
	English QWERTExternal 2 Butto	Y Keyboard on Wheel Mouse	 External 2 Button Wheel Mouse External English QWERTY Keyboard
Mouse & keyboard	Note:	An external keyboard is Accommodations.	required for candidates with Font
	Note.	Sites must provide an exone.	kternal keyboard if candidate requests
	2 available USB 2.0	ports for:	3 available USB 2.0 ports for:
	• External 2 Butto	on Wheel Mouse	External 2 Button Wheel Mouse
USB ports	• External English QWERTY Keyboard (if requested or required by candidate)		External English QWERTY Keyboard
			• 1 spare port
	100 Mbps Full Dup the network switch	lex WIRED connection to	1 Gbps Full Duplex WIRED connection to the network switch.
Network connection	Strongly Recommended: All machines with VTS Software installed should be in the same domain or workgroup, VLAN, and subnet.		
	Warning: Wireless networks are strictly prohibited. 3G/4G/5G connections are prohibited.		
Internet connection	See Internet bandwidth requirements above.		
Internet browser	Latest version of Edge , Chrome , or Firefox		
Printer	600 DPI Laser Printer		
	.NET 4.0 is installed with the VTS software.		
Additional software	If installing on Windows 10 , .NET 3.5 must be enabled on exam delivery laptops		
Joiewale	All workstations must have Anti-Virus software installed with a current update.		

	MINIMUM REQUIRED	RECOMMENDED SPECIFICATIONS
		e moved or mobile during exam delivery – to prevent laptops from walking away.
	An external Monitor, Keyboard, and I Font Accommodations.	Mouse are required for candidates with
Additional	The Windows account used to instal have Administrative rights to instal	I the VUE Testing System Platform must I properly.
notes	The Windows account profile logged Administrative rights to launch the	into the exam delivery laptop must have Delivery Manager software.
	JAWS software) the exam delivery wo	Bs of RAM . A Pearson representative will

Server: file storage

The file storage server must be accessible to the Administration workstation, Proctor workstation, and all exam delivery workstations. These requirements apply to Administration workstations with 9 - 15 exam delivery workstations, and to Servers with 15 – 30 exam delivery workstations.

	REQUIRED FOR 9 – 15 EXAM DELIVERY SEATS	REQUIRED FOR 15 – 30 EXAM DELIVERY SEATS	
Operating System	All Servers must be Desktop machines *Windows 10 Professional or Enterprise (64-bit mandatory) *Windows 11 Professional or Enterprise 10 th generation or higher (64-bit mandatory) Windows Server 2019 (64-bit) Windows Server 2016 (64-bit) (Windows Server Core is not supported at this times	All Servers must be Desktop machines Windows Server 2019 (64-bit) Windows Server 2016 (64-bit)	
	*If you are using Windows 10 or 11, you must have the latest version OS with all patches installed. You should run monthly updates for any OS updates. **Windows 10 support ends October 2025. If you are an educational facility, i.e., University, Windows 10 education is currently supported.		
Processor	Intel: i5 Generation 4 or higher i3 Generation 8 or higher AMD: Ryzen 3 Generation 5 or higher *Please refer to the Microsoft website to ensure the processor is compatible with Windows 11.	Intel: i7 Generation 2 or higher AMD: Ryzen 5 or higher se i3/i5/i7 or Ryzen 3/5	
RAM	8 GB of RAM or more.	16 GB of RAM or more.	
Hard drive	SATA II Interface Standard or faster Interface Standard. 128 GB available disk space.		

REQUIRED FOR 9 – 15 EXAM DELIVERY SEATS	REQUIRED FOR 15 – 30 EXAM DELIVERY SEATS	
100 Mbps Full Duplex WIRED connection to the network switch.	1 Gbps Full Duplex WIRED connection to the network switch.	
Pearson VUE strongly recommends that the server be dedicated to the VTS software to ensure the highest quality experience for candidates during exam delivery.		
Pearson VUE strongly discourages that the server provides additional services such as: domain controller, DHCP, SQL Server, WINS, etc.		
Warning: Wireless networks are strictly prohibited. 3G/4G/5G connections are prohibited.		
UPS is recommended.		
See <u>Internet bandwidth</u> requirements above.		
Latest version of Edge , Chrome , or Firefox		
Server must have Anti-Virus software installed with a current update. .NET 3.5 framework must be enabled.		
The Windows account used to install the VUE Testing System Platform must have Administrative rights to install properly. Candidates should never have free access to the Server machine at any time.		
	100 Mbps Full Duplex WIRED connection to the network switch. Pearson VUE strongly recommends that the serve software to ensure the highest quality experience delivery. Pearson VUE strongly discourages that the server psuch as: domain controller, DHCP, SQL Server, WIN Wireless networks are strict connections are prohibited. UPS is recommended. See Internet bandwidth requirements above. Latest version of Edge, Chrome, or Firefox Server must have Anti-Virus software installed with Internet with the windows account used to install the VUE Test	

Prohibited on all workstations and servers

	SERVER\ADMINISTRATION\EXAM DELIVERY WORKSTATIONS	
Portable computers	Smartphones are strictly prohibited. Tablet devices are strictly prohibited (e.g., iOS, Android, and Windows 8). Netbooks and Chromebooks are strictly prohibited.	
	Warning: Laptops with a "Tablet" mode are strictly prohibited from delivering exams while in Tablet mode.	

	SERVER\ADMINISTRATION\EXAM DELIVERY WORKSTATIONS		
Processor	Devices running Ultra Mobile Processors are strictly prohibited. This includes, but is not limited to Intel Atom , AMD NEO CPU lines, and ARM CPUs.		
RAM	Less than 8 GB on any workstation		
Hard drive	FAT32 File System		
Operating System	 Evaluation versions of operating systems are not allowed Windows XP, Vista & Windows 7/8/8.1 (all versions) strictly prohibited Windows Server 2008 (all versions) Windows Server 2012 (all versions) Windows Server Operating System strictly prohibited on the exam delivery workstations and not supported on Administration workstations 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	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.		
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. Novell Netware is not supported. Network Hubs are strictly prohibited.		
Internet connection	SSL VPNs are strictly prohibited. (e.g., Hotspot Shield)		

	SERVER\ADMINISTRATION\EXAM DELIVERY WORKSTATIONS	
Additional software	Software that can be used to remotely access the exam delivery workstations during exam delivery is strictly prohibited.	
Additional notes	It is strictly prohibited to install the VUE Testing System Platform on any computer that does not have Anti-Virus software installed on it.	

Prohibited on laptops

	ADMINISTRATION LAPTOPS	DELIVERY LAPTOPS
Portable	Smartphones are strictly prohibited. Tablet devices are strictly prohibited (e.g., iOS, Android, and Windows 8). Netbooks and Chromebooks are strictly prohibited.	
computers		Laptops are strictly prohibited as servers.
	Warning:	Laptops with a "Tablet" mode are strictly prohibited from delivering exams while in Tablet mode.
Processor	Devices running Ultra Mobile Processors are strictly prohibited. This includes, but is not limited to Intel Atom , AMD NEO CPU lines, and ARM CPUs.	
RAM	Less than 8 GB on any workstation	
Hard drive	FAT32 File System Hard drives that spin at less than 5400 rpms (SSD are exempt)	
Operating System	 Evaluation versions of operating systems are not allowed Windows XP, Vista & Windows 7/8/8.1 (all versions) strictly prohibited Windows Server 2008 (all versions) Windows Server 2012 (all versions) Windows Server Operating System strictly prohibited on exam delivery laptops and are not supported on Administration laptops Mac OSX is strictly prohibited Mac hardware running any Operating System is strictly prohibited All Linux/Unix based Operating Systems are strictly prohibited 	

	ADMINISTRATION LAPTOPS	DELIVERY LAPTOPS
Graphics adapter	Any Graphics Adapter that does not support DirectX 12 or later with WDDM 2.0 driver or higher.	
	External monitors smaller than 24" are strictly prohibited.	
Monitor display		Dual monitors are strictly prohibited.
		Laptops: Any 16:9 aspect ratio display smaller than 15.6".
	Touch Screen monitors must be disabled on all workstations.	
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.	
		USB Hubs are strictly prohibited on exam delivery laptops.
	Wireless Networks	of any kind are strictly prohibited.
Network	IPv6 is not currently supported.	
connection	Novell Netware is not 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 exam delivery workstations during exam delivery is strictly prohibited.	
Additional notes	It is strictly prohibited to install VUE Testing System Platform on any computer that does not have Anti-Virus software installed on it.	