NITAAC
REIMAGINING ACQUISITIONS

GSS VERSION 7.0 (AS OF 9 JUNE 2021)

TERMS AND CONDITIONS FOR ALL

Configuration Item	Minimum Specifications
EPEAT:	**EPEAT Silver or Gold for all systems (based on 2018 standards)**
Energy Star Compliant:	**Compliant**
TAA Compliant:	**Compliant**
Section 508 Compliant	**Compliant**
Delivery Time (Days):	**45 Calendar days After Receipt of Order (ARO) or a date that is mutually agreed upon at time of order placement**
3-year Standard Manufacturer Warranty (with options for years 4 and 5)	**3-year standard warranty includes wearable items such as keyboard and battery in notebooks & "Keep Your Hard Drive (KYHD)." Warranty option years 4 and 5 do not cover wearable items.**

LIGHTWEIGHT NOTEBOOK

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	8 GB
Hard Drive:	256 GS SSD
Graphics:	Integrated HD graphics with dual monitor support
Display Size:	11" or larger
Display Resolution:	(1920x1080), FHD, anti-glare where available
Sound:	Stereo Output
Speakers:	Integrated Stereo (Built-in Stereo Speakers)
Keyboard:	ANSI or ISO Standard Keyboard
Webcam:	Integrated
Microphone:	Integrated
Bluetooth:	Bluetooth 5.0+, Integrated
Network Interface:	Gigabit Ethernet (network adapter/dongle is acceptable) / Wireless
Ports:	2 Ports – USB (USB 3.0 or later) at a Min (1 Type A and 1 Type C)
Expansion Slots:	Locking Cable Slot
Weight (includes battery):	3.5 pounds or less
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Docking Station:	**Powered Docking Stations (Snap-in-dock, single cable dock with USB or USB-C). Minimum 2 USB, 3 ports with dual digital video output.**
Optional Smart Card Reader:	**Integrate or External FIPS-201 Approved or ISO 7816 supported Smart Card Reader**
Optional Keyboard:	**USB or wireless compatible with docking stations**
Optional Mouse:	**USB or wireless compatible with docking stations**
Optional Touchscreen:	**Touchscreen capability**
Optional Monitor:	**21.5 inch or larger; must be compatible with optional docking station offered**
Optional Speakers:	**Stereo Speakers**
Optional Optical Drive:	**External DVD RW**
Optional Security-enabled features: BIOS disabled	**Webcam, microphone, and Wireless network / Bluetooth not provided or disabled at BIOS; no optical drive**
Optional Hard Drive Upgrade:	**Larger SSD**
Optional Memory Upgrade:	**Upgrade to 16 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**

Voluntary Options

Optional Imaging – pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging – image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Graphics Card:	**Discrete graphics card**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Security-physically disabled features:	**Webcam, microphone, wireless network / Bluetooth not provided or physically disabled; no optical drive**
Optional Screen Protector:	**Protect screen**
Optional Notebook Carrying Case:	**Notebook carrying case**
Optional Backlit Keyboard:	**Integrated backlit keyboard**

Optional USB Keyboard Light:	**USB plug-in keyboard light**
Optional Power Adapter upgrade:	**Upgraded OEM AC Power Adapter**
Optional Headset:	**USB or wireless headset**
Optional Webcam:	**Camera compatible with device**

NOTEBOOK

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	16 GB
Hard Drive:	256 GS SSD
Graphics:	Integrated HD graphics with dual monitor support
Display Size:	13" or larger
Display Resolution:	1920x1080 Anti-glare
Sound:	Stereo Output
Speakers:	Integrated Stereo (Built-in Stereo Speakers)
Keyboard:	ANSI or ISO Standard Keyboard
Webcam:	Integrated
Microphone:	Integrated
Bluetooth:	Bluetooth 5.0+, Integrated
Network Interface:	Gigabit Ethernet / Wireless
Ports:	3 Ports – USB (USB 3.0 or later) at a Min (1 Type A and 1 Type C)
Expansion Slots:	Locking Cable Slot
Weight (includes battery):	5 pounds or less
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Docking Station:	**Powered Docking Stations (Snap-in-dock, single cable dock with USB or USB-C). Minimum 2 USB, 3 ports with dual digital video output.**
Optional Smart Card Reader:	**Integrate or External FIPS-201 Approved or ISO 7816 supported Smart Card Reader**
Optional Keyboard:	**USB or wireless compatible with docking stations**
Optional Mouse:	**USB or wireless compatible with docking stations**
Optional Monitor:	**21.5 inch or larger; must be compatible with optional docking station offered**
Optional Speakers:	**Stereo Speakers**
Optional Optical Drive:	**Integrated or external DVD RW**
Optional Security-enabled features: BIOS disabled	**Webcam, microphone, and Wireless network / Bluetooth not provided or disabled at BIOS; no optical drive; network default to wired**
Optional Hard Drive Upgrade:	**Larger SSD**
Optional Memory Upgrade:	**Upgrade to 16 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**

Voluntary Options

Optional Imaging – pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging – image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Graphics Card:	**Discrete graphics card**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted /secure execution environment and PKI secure remote power up/down/rest**
Optional Security-physically disabled features:	**Webcam, microphone, wireless network / Bluetooth not provided or physically disabled; no optical drive**
Optional Screen Protector:	**Protect screen**
Optional Notebook Carrying Case:	**Notebook carrying case**
Optional Backlit Keyboard:	**Integrated backlit keyboard**

Optional USB Keyboard Light:	**USB plug-in keyboard light**
Optional Power Adapter Upgrade:	**Upgraded OEM AC Power Adapter**
Optional Headset:	**USB or wireless headset**
Optional Webcam:	**Camera compatible with device**

PERFORMANCE NOTEBOOK

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input / Output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	16 GB
Hard Drive:	512 GS SSD
Graphics:	Discrete HD graphics with dual monitor support
Display Size:	14" or larger
Display Resolution:	1920x1080 Anti-glare
Sound:	Stereo Output
Speakers:	Integrated Stereo (Built-in Stereo Speakers)
Keyboard:	ANSI or ISO Standard Keyboard
Webcam:	Integrated
Microphone:	Integrated
Bluetooth:	Bluetooth 5.0+, Integrated
Network Interface:	Gigabit Ethernet / Wireless
Ports:	3 Ports – USB (USB 3.0 or later) at a Min (1 Type A and 1 Type C)
Expansion Slots:	Locking Cable Slot
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Docking Station:	**Powered Docking Stations (Snap-in-dock, single cable dock with USB or USB-C). Minimum 2 USB, 3 ports with dual digital video output.**
Optional Keyboard:	**USB or wireless compatible with docking stations**
Optional Mouse:	**USB or wireless compatible with docking stations**
Optional Monitor:	**21.5 inch or larger; must be compatible with optional docking station offered**
Optional Speakers:	**Stereo Speakers**
Optional Optical Drive:	**Integrated or external DVD RW**
Optional Security-enabled features: BIOS disabled	**Webcam, microphone, and Wireless network / Bluetooth not provided or disabled at BIOS; no optical drive; network default to wired**
Optional Smart Card Reader:	**Integrated or external FIPS-201 approved or ISO 7816 supported Smart Card Reader**
Optional Hard Drive Upgrade:	**Larger SSD**
Optional Memory Upgrade:	**Upgrade to 32 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**

Voluntary Options

Optional Imaging – pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging – image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Security-physically disabled features:	**Webcam, microphone, Wireless network / Bluetooth not provided or physically disabled; no optical drive; network default to wired**
Optional Touchscreen:	**Touchscreen capability**
Optional Screen Protector:	**Protect screen**
Optional Notebook Carrying Case:	**Notebook carrying case**

Optional Backlit Keyboard:	**Integrated backlit keyboard**
Optional USB Keyboard Light:	**USB keyboard light**
Optional Power Adapter Upgrade	**Upgraded OEM AC Power Adapter**
Optional Headset:	**USB or wireless headset**
Optional Webcam:	**Camera compatible with device**

DESKTOP SMALL FORM FACTOR

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	16 GB
Hard Drive:	256 GB SSD
Display/Graphics:	Integrated HD Graphics w/ Dual Monitor Support
Sound:	Stereo output
Speakers:	Integrated headphone and stereo speaker jacks or via splitter
Mouse:	USB or wireless optical mouse with scroll
Keyboard:	USB or wireless keyboard (ANSI/ISO w/card reader)
Network Interface:	Gigabit ethernet or wireless
Ports:	4 USB ports (USB 3.0 or later) (at least 1 Type A and 1 Type C), support for dual monitors
Expansion Slots:	1 slot available (PCI, PCIe, or m2)
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Monitor:	21.5 inch or larger
Optional Speakers:	Stereo speakers
Optional Graphics Card Upgrade:	Discrete graphics card
Optional Security-enabled features: BIOS disabled:	Webcam, microphone, and Wireless network / Bluetooth not provided or disabled at BIOS; no optical drive

Optional Smart Card Reader:	**Integrated or External FIPS-201 Approved OR ISO 7816 supported Smart Card Reader**
Optional Optical drive:	**Integrated or external DVD RW**
Optional Disk drive (primary):	**Larger SSD**
Optional Memory upgrade:	**Upgrade to 32 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**
Optional Webcam:	**Webcam**

Voluntary Options

Optional Imaging - pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging - image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Security-Physically Disabled Features:	**Webcam, microphone, Wireless network / Bluetooth not provided or physically disabled; no optical drive**
Optional Drives & Carriages:	**Removable carriage drive**
Optional KVM Switch:	**Digital KVM switch (Connect min 2 systems)**
Optional Keyboard:	**Keyboard Upgrade**
Optional Headset:	**USB or wireless headset**

DESKTOP

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	16 GB
Hard Drive:	512 GB SSD
Display/Graphics:	Integrated HD graphics with dual monitor support and a slot available for a discrete card
Sound:	Stereo output
Speakers:	Integrated headphone and stereo speaker jacks or via splitter
Optical Drive:	Not required
Mouse:	USB or wireless optical mouse with scroll
Keyboard:	USB or wireless keyboard (ANSI/ISO w/card reader)
Network Interface:	Gigabit ethernet or wireless
Ports:	4 USB ports (USB 3.0 or later) (at least 1 Type A and 1 Type C), support for dual monitors
Expansion Slots:	2 PCI Slots available (PCI and/or PCIe)
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Monitor:	21.5 inch or larger; must be compatible with optional docking station offered
Optional Speakers:	Stereo speakers
Optional Graphics Card Upgrade:	Discrete graphics card

Optional Security-enabled features: BIOS disabled	**Webcam, microphone, and Wireless network / Bluetooth not provided or disabled at BIOS; no optical drive**
Optional Smart Card Reader:	**Integrated or External FIPS-201 Approved OR ISO 7816 supported Smart Card Reader**
Optional Optical drive:	**Internal or External DVD RW**
Optional Disk drive (primary):	**Larger SSD**
Optional Memory upgrade:	**Upgrade up to 32 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**
Optional Webcam	**Webcam**

Voluntary Options

Optional Imaging - pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging - image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Security-Physically Disabled Features:	**Webcam, microphone, wireless network / Bluetooth not provided or physically disabled; no optical drive**
Optional Drives & Carriages:	**Removable carriage drive**
Optional KVM Switch:	**Digital KVM switch (Connect min 2 systems)**
Optional Keyboard:	**USB or wireless compatible with unit**
Optional Headset:	**USB or wireless headset**

INTEGRATED (ALL-IN-ONE)

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	16 GB
Hard Drive:	256 GB SSD, NVMe over M.2 (4 GB/s or greater)
Display/Graphics:	Integrated HD Graphics or Discrete Graphics Card w/ Dual Monitor Support
Display Size:	21.5" or larger
Display Resolution:	1920 x 1080 (FHD)
Sound:	Stereo output
Speakers/Microphone:	Analog microphone audio input, and stereo analog line level audio output. (Headphone/Microphone Combo Port is acceptable)
Mouse:	USB or wireless optical mouse with scroll
Keyboard:	USB or wireless keyboard (ANSI/ISO w/card reader)
Network Interface:	Gigabit ethernet or wireless
Ports:	4 USB ports (USB 3.0 or later) (at least 1 Type A and 1 Type C), support for dual monitors
Expansion Slots:	N/A
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Monitor:	**21.5 inch or larger; must be compatible with optional docking station offered**
Optional Speakers:	**Stereo speakers**
Optional Graphics Card Upgrade:	**Discrete graphics card**
Optional Security-enabled features: BIOS disabled	**Webcam, microphone, and Wireless network / Bluetooth not provided or disabled at BIOS; no optical drive**
Optional Smart Card Reader:	**Integrated or External FIPS-201 Approved OR ISO 7816 supported Smart Card Reader**
Optional Optical Drive:	**Integrated or external DVD RW**
Optional Disk Drive (primary):	**Larger SSD**
Optional Memory Upgrade:	**Upgrade to 32 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**
Optional Webcam:	**Webcam**

Voluntary Options

Optional Imaging - pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging - image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Security-Physically Disabled Features:	**Webcam, microphone, Wireless network / Bluetooth not provided or physically disabled; no optical drive**
Optional Drives & Carriages:	**Removable carriage drive**
Optional KVM Switch:	**Digital KVM switch (Connect min 2 systems)**
Optional Keyboard:	**USB or wireless compatible with unit**
Optional Headset:	**USB or wireless headset**

PERFORMANCE DESKTOP

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology with a minimum of six physical cores available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	32 GB
Hard Drive:	256 GB Solid-State (SSD) and a 1TB (HDD or SSD)
Display/Graphics:	Discrete graphics card
Sound:	Stereo output
Speakers:	Integrated headphone and stereo speaker jacks or via splitter
Optical Drive:	DVD RW
Mouse:	USB or wireless optical mouse with scroll
Keyboard:	USB or wireless keyboard (ANSI/ISO w/card reader)
Network Interface:	Gigabit ethernet or wireless
Ports:	6 USB ports (USB 3.0 or later) (at least 1 Type A and 1 Type C), support for dual monitors
Expansion Slots:	2 PCI Slots available (PCI and/or PCIe)
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Monitor:	**21.5 inch or larger; must be compatible with optional docking station offered**
Optional Speakers:	**Stereo speakers**
Optional Security-Enabled Features: BIOS Disabled	**Webcam, microphone, and wireless network / Bluetooth not provided or disabled at BIOS; no optical drive; network default to wired**
Optional Smart Card Reader:	**Integrated or External FIPS-201 Approved OR ISO 7816 supported Smart Card Reader**
Optional Disk Drive (primary):	**Larger SSD**
Optional Memory Upgrade:	**Upgrade to 64 GB or more**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**
Optional Webcam:	**Webcam**

Voluntary Options

Optional Imaging - pre-supplied:	**Ship with customer previously supplied and approved image**
Optional Imaging - image provided with order:	**Ship with customer supplied image at the time of the order**
Optional Asset Tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Graphics Card:	**Integrated HD graphics with dual monitor support**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Security-Physically Disabled Features:	**Webcam, microphone, Wireless network / Bluetooth not provided or physically disabled; no optical drive; network default to wired**
Optional Drives & Carriages:	**Removable carriage drive**
Optional KVM Switch:	**Digital KVM switch (Connect min 2 systems)**
Optional Keyboard:	**USB or wireless compatible with unit**
Optional Headset:	**USB or wireless headset**

TABLET

Configuration Item	Minimum Specifications
CPU: Salient processor and platform characteristics:	- CPU must be latest generation processor technology available from the OEM offering the computing device - NIST SP 800-147 compliant, Tamper Resistant UEFI 2.6 or later with Secure Boot functionality - NIST SP 800-193 compliant, Platform Firmware Resiliency Guidelines - Support Hardware-rooted trust platform and Hardware Security Test Interface (HSTI) Specification - CPU Virtualization Extensions w/ Second Level Address Translation (SLAT) support - CPU Input/output Memory Management Unit (IOMMU)
O/S:	Windows 10 Pro 64
RAM:	8 GB
Hard Drive:	128 GB
Graphics:	Integrated HD graphics
Display Size:	9" minimum
Display Resolution:	1920x1080
Touchscreen	Yes
Sound:	Stereo output
Speakers:	Integrated Stereo (Built-in Stereo Speakers)
Webcam:	Front and rear facing
Microphone:	Integrated
Bluetooth:	Bluetooth 5.0+, Integrated
Network Interface:	Wi-Fi mandatory, Cellular (4G) optional
Ports:	2 USB Ports including 1 type C
Weight:	2.2 pounds maximum
Platform Integrity:	TPM Version 2.0

Mandatory Options

Optional Keyboard:	**Detachable ANSI or ISO keyboard**
Optional Warranty:	**Extend standard manufacturer base warranty to 4 years**
Optional Warranty:	**Extend standard manufacturer base warranty to 5 years**
Optional Smart Card Reader:	**Extend standard manufacturer base warranty to 5 years**

Voluntary Options

Optional Asset tagging:	**Tag assets before shipping**
Optional Warehousing:	**Store assets**
Optional Input Device:	**Stylus**
Optional Carrying Case:	**Carrying case**
Optional Screen Protector:	**Screen protector**
Optional Stand:	**Stand compatible w/Tablet offered**
Optional Slot:	**Memory Card Support**
Optional Alternative CPU:	**Must meet or exceed base CPU specs**
Optional CPU w/Remote Desktop Management Support:	**Processor and chipset support for trusted/secure execution environment and PKI secure remote power up/down/reset**
Optional Power Adapter upgrade:	**Upgraded OEM AC Power Adapter**
Optional Mouse:	**USB or wireless compatible with unit**
Optional Headset:	**USB or wireless headset**

THIN CLIENT / ZERO CLIENT COMPUTER

Configuration Item	Minimum Specifications
Operating System (thin client):	Varies based on virtual machine solution
Kernel Services (zero client):	Kernel that provides networking protocol services between the device and host server to include display, keyboard/mouse inputs, and audio services
BIOS (thin client):	NIST SP 800-147 Compliance
Installed RAM (thin client):	8 GB
Installed RAM (zero client):	512 MB
Number of Independent Displays Supported:	Two
Display Interface Type:	Digital Video Interface (DVI) or DisplayPort (Version 1.2 or higher) interfaces
Audio Support:	Analog microphone audio input, and stereo analog line level audio output. Headphone/Microphone Combo Ports are acceptable
Network Interface:	IEEE 802.3ab 1000 Mbit/s with a physical layer 1000BASE-T connection
USB Ports:	Four externally accessible Universal Serial Bus (USB 2.0 or USB 3.0) ports
Keyboard:	Section 508 compliant 104-key QWERTY keyboard
CAC Reader:	FIPS-201 and ISO/IEC 7816 compliant (integrated in keyboard)
Mouse:	Optical mouse with two buttons and scroll wheel

Mandatory Options

Optional Asset Tagging:	Tag assets before shipping
Optional Warehousing:	Store assets
Optional Monitor	21.5 inch FHD or larger/better
Optional Slot:	Memory Card Support
Optional Warranty:	Extend standard manufacturer base warranty to 4 years
Optional Warranty:	Extend standard manufacturer base warranty to 5 years
Optional Management Suite:	Compatible with environment/device
Optional VDI Broker Support:	Support Customer's environment
Optional Storage:	SSD 128 GB