

# NITAAC-GSS

## Laptop Standard Configurations

Laptop Configuration Items	Laptop Minimum Specifications
<b>CPU:</b>	<p>CPU must be latest generation processor technology.</p> <p>Either one or both of the following benchmarks must be met or exceeded:            SYSmark 2014 score <math>\geq</math> 1108; or PC Mark Work V2 Accelerated score <math>\geq</math> 3400.</p> <ul style="list-style-type: none"> <li>• Processor Security Salient Characteristics               <ul style="list-style-type: none"> <li>o Processor and chipset support for Operating System Trusted Boot &amp; UEFI Secure Boot</li> <li>o Processor and chipset support for Trusted execution environment with a crypto module in hardware that is FIPS 140-2 (in process allowed but validated is preferred)</li> <li>o Processor and chipset support for AES Processor Accelerated Encryption</li> </ul> </li> <li>• Processor Management Salient Characteristics               <ul style="list-style-type: none"> <li>o Processor and chipset support for PKI secure remote power up/down/reset</li> </ul> </li> <li>• a stable image hardware platform that is available for at least 12 months</li> <li>• Virtualization Technology for Directed I/O</li> </ul>
<b>O/S:</b>	Windows 10 Pro 64 with option to ship 8.1 or 7 for free. OS with latest service pack(s)
<b>RAM:</b>	8GB DDR3 or DDR4-2133 RAM expandable to 16 GB
<b>Hard Drive:</b>	256GB SATA-3 or M.2 Solid State Drive
<b>Graphics:</b>	Integrated HD graphics with dual monitor support
<b>Display Size:</b>	Min - 14 inch
<b>Display Resolution:</b>	1920x1080 Anti-glare (16:9) or better resolution
<b>Sound:</b>	Analog Stereo Output
<b>Speakers:</b>	Integrated Stereo (Built-in Stereo Speakers)
<b>Optical Drive:</b>	Not required
<b>Keyboard:</b>	Integrated Spill Resistant keyboard Shall not be a membrane based keyboard (i.e., keys should be separate moving parts).
<b>Webcam:</b>	Integrated
<b>Microphone:</b>	Integrated
<b>Bluetooth:</b>	Bluetooth 4, Integrated
<b>Smart Card Reader:</b>	Integrated FIPS-201 Approved Smart Card Reader
<b>Network Interface:</b>	IEEE 802.3ac Gigabit Ethernet / Wireless 802.11 a/b/g/n
<b>Ports:</b>	3 USB (3.0 or C)
<b>Expansion Slots:</b>	Locking Cable Slot
<b>Delivery Time:</b>	30 Days (not including imaging and security services)
<b>Weight (includes battery):</b>	5 pounds or less
<b>Platform Integrity:</b>	TPM v1.2 or better FIPS 140-2. Upgradable to TPM v2 via firmware update. (TPM certification can be in progress)
<b>EPEAT:</b>	Gold
<b>Energy Star:</b>	Yes
<b>TAA Compliant:</b>	Yes
<b>508 Compliant:</b>	Yes
<b>Warranty:</b>	3 Years standard OEM warranty terms; Option to extend to 4 or 5 Years; Keep Your Hard Drive

# NITAAC-GSS

## Laptop Standard Configurations

Laptop Configuration Items	Laptop Minimum Specifications
<b>Laptop Optional Items</b>	
<b>Optional Docking Station:</b>	Powered Docking Station with USB , Dual connections supported via VGA, DVI/DisplayPort, and/or HDMI
<b>Optional keyboard</b>	Keyboard compatible with docking stations
<b>Optional Software Bundle:</b>	Office Suite (minimum of document, presentation and worksheets ) and anti-virus software (3-Year License for anti-virus)
<b>Optional Monitor:</b>	23.6 inch viewable
<b>Optional speakers</b>	Stereo Speakers
<b>Optional Optical drive</b>	Integrated or External DVD RW (No Blu-Ray)
<b>Optional Security-enabled features</b>	Webcam, microphone and Bluetooth not provided or disabled at BIOS; no optical drive; network default to wired
<b>Hard Drive upgrade:</b>	500GB SATA-3 or M.2 Solid State Drive
<b>Optional Warranty:</b>	Extend base warranty to 4 years
<b>Optional Warranty:</b>	Extend base warranty to 5 years
<b>Optional Decaling - pre-supplied:</b>	Ship with customer previously supplied property decals; imbed electronic decal number into BIOS and attach decal label to outside of computer
<b>Optional Decaling - decals provided with order:</b>	Ship with customer supplied property decals; embed electronic decal number into BIOS and attach decal label to outside of computer
<b>Optional Add-on Warranty I:</b>	Next Business Day, Onsite parts and labor
<b>Optional Add-on Warranty II:</b>	Battery replacement coverage
<b>Optional Add-on Warranty III:</b>	Accidental damage protection
<b>Optional Battery Size:</b>	highest capacity available from manufacturer for model specified
<b>Platform Integrity Upgrade:</b>	Support for lost/stolen asset recovery (equivalent to CompuTrace)
<b>Optional imaging - pre-supplied</b>	Ship with customer previously supplied and approved image
<b>Optional imaging - image provided with order</b>	Ship with customer supplied image at the time of the order
<b>Alternative CPU</b>	Must meet or exceed base CPU specs
<b>Optional Graphics Card</b>	Discrete Graphics card
<b>Optional Display Upgrade:</b>	Touch-screen