

NITAAC-GSS

High-level Laptop Standard Configurations

High-level Laptop Configuration Items	High-level Laptop Minimum Specifications
CPU:	<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 \geq 1190; or > PC Mark Work V2 Accelerated score \geq 3600.</p> <ul style="list-style-type: none"> • Processor Security Salient Characteristics <ul style="list-style-type: none"> o Processor and chipset support for Operating System Trusted Boot & UEFI Secure Boot 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) o Processor and chipset support for AES Processor Accelerated Encryption • Processor Management Salient Characteristics <ul style="list-style-type: none"> o Processor and chipset support for PKI secure remote power up/down/reset • a stable image hardware platform that is available for at least 12 months • Virtualization Technology for Directed I/O
O/S:	Windows 10 Pro 64 with option to ship 8.1 or 7 for free. OS with latest service pack(s)
RAM:	16GB DDR3 or DDR4-2133 expandable to 32 GB
Hard Drive:	500GB SATA-3 or M.2 Solid State Drive
Graphics:	Integrated HD graphics with dual monitor support and a slot available for a discrete card
Display Size:	min - 15 inch
Display Resolution:	1920x1080 Anti-glare (16:9) or better resolution
Sound:	Analog Stereo Output
Speakers:	Integrated Stereo (Built-in Stereo Speakers)
Optical Drive:	Integrated or external DVD RW(No Blu-Ray) DVD with all applicable hardware drivers, both 32Bit and 64Bit where available
Keyboard:	Integrated Spill Resistant keyboard shall not be a membrane based keyboard (i.e., keys should be separate moving parts).
Webcam:	Integrated
Microphone:	Integrated
Bluetooth:	Bluetooth 4, Integrated
Smart Card Reader:	Integrated FIPS-201 Approved Smart Card Reader
Network Interface:	IEEE 802.3ac Gigabit Ethernet / Wireless 802.11 a/b/g/n
Ports:	3 USB (3.0 or C)
Expansion Slots:	Locking Cable Slot
Delivery Time:	30 Days (not including imaging and security services)
Weight (includes battery):	6.5 pounds or less
Platform Integrity:	TPM v1.2 or better FIPS 140-2. Upgradable to TPM v2 via firmware update. (TPM certification can be in progress)
EPEAT:	Gold
Energy Star:	Yes
TAA Compliant:	Yes
508 Compliant:	Yes
Warranty:	3 Years standard OEM warranty terms; Option to extend to 4 or 5 Years; Keep Your Hard Drive

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High-level Laptop Optional Items	
Optional Docking Station:	Powered Docking Station with USB , Dual connections supported via VGA, DVI/DisplayPort, and/or HDMI
Optional keyboard	Keyboard compatible with docking stations
Optional Software Bundle:	Office Suite (minimum of document, presentation and worksheets) and anti-virus software (3-Year License for anti-virus)
Optional Monitor:	23.6 inch viewable
Optional speakers	Stereo Speakers
Optional Optical drive	Not applicable
Optional Security-enabled features	Webcam, microphone and Bluetooth not provided or disabled at BIOS; no optical drive; network default to wired
Hard Drive upgrade:	750GB SATA-3 or M.2 Solid State Drive
Optional Warranty:	Extend base warranty to 4 years
Optional Warranty:	Extend base warranty to 5 years
Optional Decaling - pre-supplied:	Ship with customer previously supplied property decals; imbed electronic decal number into BIOS and attach decal label to outside of computer
Optional Decaling - decals provided with order:	Ship with customer supplied property decals; embed electronic decal number into BIOS and attach decal label to outside of computer
Optional Add-on Warranty I:	Next Business Day, Onsite parts and labor
Optional Add-on Warranty II:	Battery replacement coverage
Optional Add-on Warranty III:	Accidental damage protection
Optional Battery Size:	Highest capacity available from manufacturer for model specified
Platform Integrity Upgrade:	Support for lost/stolen asset recovery (equivalent to CompuTrace)
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
Alternative CPU	Must meet or exceed base CPU specs (see Pricing Workbook for instructions)
Optional Graphics Card	Discrete Graphics card
Optional Display Upgrade:	Touch-screen