

LAPTOP HIGH-END

Standard Specifications

All specifications must comply with the followings terms and conditions:

- EPEAT Gold for laptops and desktops, and EPEAT Gold or Silver for tablets,
- ENERGY STAR, for laptops, desktops, and tablets,
- 19 USC 2501 Trade Agreements Act, for laptops, desktops, and tablets,
- Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d), for laptops, desktops, and tablets,
- Delivery 30 days or less, for laptops, desktops, and tablets, unless otherwise negotiated, prior to award, between customer and contract holder

CPU: Salient processor and platform characteristics	CPU must be latest generation processor technology. - Processor and chipset support for Operating System Trusted Boot & UEFI Secure Boot, - 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), - Processor and chipset support for AES Processor Accelerated Encryption, - Processor and chipset support for PKI secure remote power up/down/reset, - Stable image hardware platform that is available for at least 12 months, - Virtualization Technology for Directed I/O
Operating System:	Windows 10 Pro 64
RAM:	16GB expandable to 32 GB
Hard Drive:	500GB HDD or SSD
Graphics:	Integrated HD graphics with dual monitor support and/or a slot available for a discrete card
Display Size:	16 inches or less (usually between 14-16 but may be smaller)
Display Resolution:	1920x1080 Anti-glare (16:9) or better resolution
Sound:	Stereo Output
Speakers:	Integrated Stereo (Built-in Stereo Speakers)
Keyboard:	ISO Standard Keyboard
Webcam:	Integrated
Microphone:	Integrated
Bluetooth:	Bluetooth 4.2 +, Integrated
Smart Card Reader:	Integrated FIPS-201 Approved Smart Card Reader
Network Interface:	Gigabit Ethernet / Wireless
Ports:	USB (3.0 or C)
Expansion Slots:	Locking Cable Slot
Weight (includes battery):	6.5 pounds or less
Platform Integrity:	TPM Version 2.0 (needed for Win 10)

Add-ons for Laptop High-end

Optional Docking Station:	Powered Docking Station with USB , Dual connections supported via VGA, DVI/DisplayPort, and/or HDMI, or digital connections
Optional keyboard:	Keyboard compatible with docking stations
Optional RAM:	Expand from 16 to 32GB
Optional Monitor:	23.6 inch viewable
Optional speakers:	Stereo Speakers
Optional Optical drive:	Integrated or external DVD RW(No Blu-Ray) DVD with all applicable hardware drivers, both 32Bit and 64Bit where available
Optional Security-enabled features:	Webcam, microphone and Bluetooth not provided or disabled at BIOS; no optical drive; network default to wired
Hard Drive upgrade:	HDD or SSD
Optional Warranty:	Extend standard manufacturer base warranty to 4 years
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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
Asset tagging:	Tag assets before shipping
Warehousing:	Store assets
Optional Graphics Card:	Discrete Graphics card
Touchscreen:	Touchscreen Capability
Screen Protector:	Protect screen
Laptop Carrying Case:	For laptop
Docking Station Carrying Case:	For docking station
Processor Upgrade:	Must meet or exceed base processor
Clock Speed Upgrade:	Must meet or exceed base processor speed