

**DESKTOP MID-LEVEL**

**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	<p>CPU must be latest generation processor technology.</p> <ul style="list-style-type: none"> <li>- Processor and chipset support for Operating System Trusted Boot &amp; UEFI Secure Boot,</li> <li>- 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>- Processor and chipset support for AES Processor Accelerated Encryption,</li> <li>- Processor and chipset support for PKI secure remote power up/down/reset,</li> <li>- Stable image hardware platform that is available for at least 12 months,</li> <li>- Virtualization Technology for Directed I/O</li> </ul>
Operating System:	Windows 10 Pro 64
RAM:	16GB expandable to 32 GB
Hard Drive:	500GB HDD or 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
Smart Card Reader:	FIPS-201 Approved Transparent Smart Card Reader (Keyboard Integrated)
Network Interface:	Gigabit Ethernet or wireless
Ports:	4 USB ports (at least 3 USB 3.0 or C), support for dual monitors
Expansion Slots:	2 PCI Slots available (PCI and/or PCIe)
Platform Integrity:	TPM Version 2.0 (needed for Win 10)

**Add-ons for Desktop Mid-Level**

Optional Monitor:	23.6 inch viewable
Optional speakers:	Stereo Speakers
Optional Graphics Card upgrade:	Discrete Graphics card
Optional Security-enabled features:	Webcam, microphone and Bluetooth not provided or disabled at BIOS; no optical drive
Optional Optical drive:	Internal or External DVD RW (No Blu-Ray)
Optional disk drive (primary):	HDD or SSD
Optional memory upgrade:	Upgrade to 32 GB
Optional Warranty:	Extend standard manufacturer base warranty to 4 years
Optional Warranty:	Extend standard manufacturer base warranty to 5 years
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
Processor Upgrade:	Must meet or exceed base processor
Clock Speed Upgrade:	Must meet or exceed base processor speed