State of Ohio IT Standard	ITS-PLF-01 Attachment B	Specialty Use Class Desktop
Effective Date: Dec. 17, 2018 **Effective Period:** 12 months	*This standard configuration is subject to change within 12 months of its effective date. The most current version of this standard configuration (available on the DAS/OIT Web site) should be obtained when making IT planning or acquisition decisions.*	

	Profile for Specialty Use Desktop
Category Description	This category is intended to fill the requirements for specific job purposes and specialty uses. This category offers significant capacity and the expandability required to meet demanding, high-end computing requirements. ***Acquisition of this configuration is limited to certain use cases and requires that appropriate business justification be attached to each purchase request.***
Category Use Cases	• IT software staff who develop and maintain mission critical applications. • System personnel who operate and support mission critical services or wide-scale infrastructures. • Users who work with software applications including, but not limited to, GIS, spatial analysis, scientific analysis, computer-aided design, complex graphic design, video editing and creation, large scale data modeling, statistical analysis and data mining.
Planned Service Life	Desktops in the category are expected to have a planned service life of five years, and agencies acquiring this category should estimate the total cost of ownership over a five-year period. Systems are expected to be acquired with a four-year onsite, next-business-day warranty from the manufacturer.
Manageability	Desktops that conform to this category are able to be well managed and locked down in order to achieve the lowest total cost of ownership. These desktops are capable of having a factory-installed software image; however, there may be one or more custom applications that are installed after the system is received. They can be centrally managed and remotely supported and diagnosed by agencies with the appropriate management tools. Intel vPro features with Intel Active Management Technology are recommended.

	Specification for Specialty Use Desktop
Processor	Intel Core i7-8700 Processor (8M Cache, 3.60 GHz, 4 cores, 8 threads)
Memory	8GB DDR4 (1 DIMM 8GB)
Video Graphics	1GB Discrete Graphics (PCIe) with Dual VGA or DVI-I (or equivalent/better)
Network Adapter	Gigabit Ethernet Controller
Hard drive	256GB SSD
Connectors	Network, Line-In, Line-Out, USB 2.0/3.0, DisplayPort
Security Features	Absolute Persistence Support in BIOS Trusted Platform Module (TPM 2.0) Security Chip
Environmental Compliance	80 Plus Power Supply Silver or Gold Rating EPEAT Silver or Gold Rating Energy Star 5.2 Certification (desirable)
Operating System	Windows 10 Pro

	Allowed Optional Items for Specialty Use Desktop
Storage Upgrade/Downgrade	128GB SSD downgrade 1TB HDD First Hard Drive 256 GB SSD Second Hard Drive 1TB HDD Second Hard Drive Hard Drive RAID 1 Self-Encrypting Hard Drive Blue Ray Optical Drive DVD+/-RW SATA
Memory Upgrades	16 GB Total
Warranty Upgrades	Keep Your Hard Drive (KYHD) 4 Years
Options	Internal 802.11 a/b/g/n 3X3 Wireless Parallel and Serial Ports VGA Port HDMI Port Video Adapter
Factory Services	Software Imaging Asset Tagging Enable vPro Install and Enable Computrace

Contacts	Contracts for Specialty Use Class Desktop
Standard Inquiries: DAS.State.IT.Standards. Manager@das.ohio.gov	**Published Standard:** http://das.ohio.gov/Divisions/InformationTechnology/StateofOhioITStandards.aspx
Purchasing Inquiries: OIT.ITPurch.Admin@das.ohio.gov	**Available State Term Schedules with MBE/EDGE Resellers:** Dell – http://procure.ohio.gov/proc/viewContractsAwards.asp?contractID=9469 HP – http://procure.ohio.gov/proc/viewContractsAwards.asp?contractID=13641 Lenovo – http://procure.ohio.gov/proc/viewContractsAwards.asp?contractID=32488
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