

State of Ohio IT Standard	ITS-PLF-01 Attachment B	Specialty Use Class Desktop
Effective Date: May 2, 2017	<i>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.</i>	
Effective Period: 12 months		

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. <i>Acquisition of this configuration is limited to certain use cases and requires that appropriate business justification be attached to each purchase request.</i>
Category Use Cases	<ul style="list-style-type: none"> 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 required.

Specification for Specialty Use Desktop	
Processor	Intel Core i7-6700 Processor (8M Cache, 3.40 GHz, 4 cores, 8 threads)
Memory	8GB DDR4 (2DIMMs x 4GB)
Video Graphics	1GB Discrete Graphics (PCIe) with Dual VGA or DVI-I (or equivalent/better)
Network Adapter	Gigabit Ethernet Controller
Hard drive	500GB 7200RPM SATA III or better
Optical drive	DVD+/-RW SATA
Back Panel Connectors	Network, Line-In, Line-Out, USB 2.0/3.0, VGA, DVI-I, DisplayPort OPTIONAL: Parallel and Serial Ports
Management	Intel vPro
Security Features	Computrace in BIOS TPM 1.2 Chip
Environmental Compliance	80 Plus Power Supply Silver or Gold Rating EPEAT Silver or Gold Rating Energy Star 5.2 Certification (desirable)

	Specification for Specialty Use Desktop
Operating System	Windows 10 Pro

	Allowed Optional Items for Specialty Use Desktop
Storage Upgrades	500GB Second Hard Drive ~120GB or 250GB SSD First Hard Drive ~120GB or 250GB SSD 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 Modem Internal 802.11 a/b/g/n 3X3 Wireless
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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