

<b>State of Ohio IT Standard</b>	<b>ITS-PLF-01 Attachment B</b>	<b>Specialty Use Class Desktop</b>
<b>Effective Date:</b> March 1, 2018	<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>	
<b>Effective Period:</b> 12 months		

<b>Profile for Specialty Use Desktop</b>	
<b>Category Description</b>	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. <b><i>Acquisition of this configuration is limited to certain use cases and requires that appropriate business justification be attached to each purchase request.</i></b>
<b>Category Use Cases</b>	<ul style="list-style-type: none"> <li>IT software staff who develop and maintain mission critical applications.</li> <li>System personnel who operate and support mission critical services or wide-scale infrastructures.</li> <li>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.</li> </ul>
<b>Planned Service Life</b>	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.
<b>Manageability</b>	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.

<b>Specification for Specialty Use Desktop</b>	
<b>Processor</b>	Intel Core i7-7700 Processor (8M Cache, 3.60 GHz, 4 cores, 8 threads)
<b>Memory</b>	8GB DDR4 (2DIMMs x 4GB)
<b>Video Graphics</b>	1GB Discrete Graphics (PCIe) with Dual VGA or DVI-I (or equivalent/better)
<b>Network Adapter</b>	Gigabit Ethernet Controller
<b>Hard drive</b>	500GB 7200RPM SATA III or better
<b>Optical drive</b>	DVD+/-RW SATA
<b>Connectors</b>	Network, Line-In, Line-Out, USB 2.0/3.0, DisplayPort
<b>Management</b>	Intel vPro
<b>Security Features</b>	Computrace in BIOS TPM 1.2 Chip
<b>Environmental Compliance</b>	80 Plus Power Supply Silver or Gold Rating EPEAT Silver or Gold Rating Energy Star 5.2 Certification (desirable)
<b>Operating System</b>	Windows 10 Pro

	Allowed Optional Items for Specialty Use Desktop
<b>Storage Upgrades</b>	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
<b>Memory Upgrades</b>	16 GB Total
<b>Warranty Upgrades</b>	Keep Your Hard Drive (KYHD) 4 Years
<b>Options</b>	Internal Modem Internal 802.11 a/b/g/n 3X3 Wireless Parallel and Serial Ports VGA Port HDMI Port Video Adapter
<b>Factory Services</b>	Software Imaging Asset Tagging Enable vPro Install and Enable Computrace

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