

# GEORGIA STATE UNIVERSITY

## Student Technology Fee FY 2018

### WORKSTATION GUIDELINES

In constructing Tech Fee Funding Proposal Cost Sheet, use the following costs for computer workstations.

---

#### Standard Desktop & Laptop Configurations:

The following desktop systems are standard technology for Student Technology Fee purposes. Desktop systems exceeding this capability and price should be specifically justified.

a. Windows desktop, without display	\$708.37
b. Windows desktop, all-in-one	\$979.00
c. Mac desktop, without display	\$1,039.00
d. Mac desktop, all-in-one	\$1,759.00
e. Windows laptop, small	\$1,259.10
f. Windows laptop, large	\$927.17
g. Mac laptop, small	\$1,449.00
h. Mac laptop, large	\$1,899.00

#### Robust Desktop & Laptop Configurations:

The following prices and configurations are the standard for robust systems. Any deviation from these robust standards should be further justified.

a. Mac desktop, all-in-one	\$2,819.00
b. Windows laptop, small	\$1,511.10
c. Windows laptop, large	\$1,624.07
d. Mac laptop, large	\$2,599.00
e. Windows desktop, without display	\$949.63

#### Standard Replacement Thresholds:

All old equipment, being replaced by new equipment, must meet one of the following criteria.

- If the equipment to be replaced is older than 4 years at the time the proposal is submitted, it is considered to be obsolete due to University-wide standard. This standard is based upon a minimum acceptable performance level needed to operate current operating systems, and office suites. The proposal submitter must state that the university minimum performance criteria are being used.
- If the equipment to be replaced is newer than four years old at the time the proposal is submitted, the submitter is required to document specific quantitative performance requirements that warrant the replacement of such equipment. The equipment's inability to perform specific functions must be identified. Also, a statement is required explaining why the performance of such functions is critical to the continued functioning of the facility in which the equipment will be located.

#### Contact Information:

For assistance engineering computing solutions, contact the Technology Service Desk at [help@gsu.edu](mailto:help@gsu.edu) or 404.413.4357 or contact our Enterprise Systems Solutions Group below:

Name	Organization	E-mail	Phone
Travis Remington	Enterprise Systems Solutions	<a href="mailto:dremington@gsu.edu">dremington@gsu.edu</a>	404-413-4325

**FY 2018 STUDENT TECHNOLOGY FEE WORKSTATION GUIDELINES**

---

**Standard Configurations - Desktops:**

The following specifications represent standard technology for Student Technology Fee purposes. Dell or HP may have been used as the vendor, but the standard is not vendor specific.

***Windows desktop, without display***

Computer Name	Dell Precision T3620 Mini Tower
Processor	Intel Core i3-6100 (Dual Core, 3MB, 4T, 3.7 GHz, 65W)
Memory	8GB (1x8GB) 2133MHz DDR4 Non-ECC
Hard Drive	C8 2.5 SATA / SSD boot + 3.5 SATA 1 HD
Operating System	Windows 10 Pro 64-bit
<b>Cost as Quoted</b>	<b>\$708.37</b>

***Windows desktop, all-in-one***

Computer Name	Dell Optiplex 3240 AIO
Processor	Intel Core i5-6500 (Quad Core, 6MB, 4T, 3.2GHZ, 65W)
Memory	8GB (1x8GB) 1600MHZ DDR3L
Hard Drive	2.5 inch 128GB SATA Class 10 Solid State Drive
Operating System	Windows 10 Professional
Monitor	21.5 FHD Non-Touch Display w/ Camera, Integrated Graphics, Bronze PSU
<b>Cost as Quoted</b>	<b>\$979.00</b>

***Mac desktop, without display***

Computer Name	Mac mini (MGEN2LL/A)
Processor	(065-C2NC) - 2.6GHz Intel Dual-Core Core i5 (065-C348) - Intel Iris Graphics
Memory	(065-C2NH) - 16GB 1600MHz LPDDR3 SDRAM - 2x8GB
Hard Drive	(065-C2NP) - 256GB Flash Storage
Operating System	macOS
<b>Cost as Quoted</b>	<b>\$1,039.00</b>

***Mac desktop, all-in-one***

Computer Name	iMac 21.5-inch with Retina 4K display (MK452LL/A)
Processor	(065-C3D1) - 3.1GHz Quad-core Intel Core i5, Turbo Boost up to 3.6GHz (065-C3D3) - Intel Iris Pro Graphics 6200
Memory	(065-C3D5) - 16GB 1867MHz LPDDR3 SDRAM - 2x8GB
Hard Drive	(065-C3DK) - 256GB Flash Storage
Monitor	21.5-inch (diagonal) IPS LED-backlit; 4096-by-2304 resolution
Operating System	macOS
<b>Cost as Quoted</b>	<b>\$1,759.00</b>

**FY 2018 STUDENT TECHNOLOGY FEE WORKSTATION GUIDELINES**

---

**Standard Configurations – Laptops:**

***Windows laptop, small***

Computer Name	Dell Latitude 12 7000 (E7270)
Processor	Intel Core i5-6300U (Dual Core, 2.4GHz, 3M cache, 15W)
Memory	8GB (1x8GB) 2133MHz
Hard Drive	Intel M.2 180GB SATA Class 20 Solid State Drive
Operating System	Windows 7 Professional
Screen	12.5 HD (1366x768) Anti Glare LCD w/ Camera and Microphone
<b>Cost as Quoted</b>	<b>\$1,259.10</b>

***Windows laptop, large***

Computer Name	Dell Latitude 15 5000 (E5570)
Processor	Intel Core i5-6300U (Dual Core, 2.4GHz, 3M cache)
Memory	8GB (1x8GB) 2133MHz DDR4
Hard Drive	Intel M.2 180GB SATA Class 20 Solid State Drive
Operating System	Windows 7 Professional
Screen	15.6 HD (1366x768) Anti Glare LCD w/ Camera and Microphone
<b>Cost as Quoted</b>	<b>\$927.17</b>

***Mac laptop, small***

Computer Name	MacBook Pro 13-in Space Gray Color (MLL42LL/A) <b>or</b> MacBook Pro 13-in Silver Color (MLUQ2LL/A)
Processor	(065-C45M) - 2.0GHz Dual-core Intel Core i5, Turbo Boost up to 3.1GHz (065-C45P) - Intel Iris Graphics 540
Memory	(065-C45Q) - 8GB 1866MHz LPDDR3 SDRAM
Hard Drive	(065-C4XH) - 256GB PCIe-based Flash Storage
Operating System	macOS
Screen	13.3-inch (diagonal) IPS LED-backlit; 2560-by-1600 resolution
<b>Cost as Quoted</b>	<b>\$1,449.00</b>

***Mac laptop, large***

Computer Name	MacBook Pro 15-in Silver Color (MJLQ2LL/A)
Processor	(065-C326) - 2.2GHz Quad-core Intel Core i7, Turbo Boost up to 3.4GHz (065-C32F) - Intel Iris Pro Graphics
Memory	(065-C32D) - 16GB 1600MHz DDR3L SDRAM
Hard Drive	(065-C32J) - 256GB PCIe-based Flash Storage
Operating System	macOS
Screen	15.4-inch (diagonal) IPS LED-backlit; 2880-by-1800 resolution
<b>Cost as Quoted</b>	<b>\$1,899.00</b>

**FY 2018 STUDENT TECHNOLOGY FEE WORKSTATION GUIDELINES**

---

**Robust Configurations:**

The following robust configurations should be accompanied by justification over and above standard systems.

***Mac desktop, all-in-one***

Computer Name	iMac 27-in with Retina 5K display (MK482LL/A)
Processor	(065-C3F6) - 3.3GHz Quad-core Intel Core i5, Turbo Boost up to 3.9GHz (065-C3FC) - AMD Radeon R9 M395 with 2GB GDDR5
Memory	(065-C3FJ) - 32GB 1867MHz DDR3 SDRAM - 4x8GB
Hard Drive	(065-C3FY) - 512GB Flash Storage
Monitor	27-inch (diagonal) IPS LED-backlit; 5120-by-2880 resolution
Operating System	macOS
<b>Cost as Quoted</b>	<b>\$2,819.00</b>

***Windows laptop, small***

Computer Name	Dell Latitude 12 7000 (E7270)
Processor	Intel Core i7-6600U (Dual Core 2.6GHz, 4M cache, 15W)
Memory	8GB (1x8GB) 2133MHz DDR4
Hard Drive	M.2 256GB SATA Class 20 Solid State Drive
Operating System	Windows 10 Professional
Screen	12.5 HD (1366x768) Anti Glare LCD w/ Camera and Microphone
<b>Cost as Quoted</b>	<b>\$1,511.10</b>

***Windows laptop, large***

Computer Name	Dell Latitude 15 5000 (E5570)
Processor	Intel Core i7-6820HQ (Quad Core, 2.7GHZ, 8M cache, 45W, vPro)
Memory	8GB (1x8GB) 2133MHZ DDR4
Hard Drive	M.2 256GB SATA Class 20 Solid State Drive
Operating System	Windows 10 Professional
Screen	15.6 FHD (1920x1080) Anti Glare LCD w/ Camera and Microphone
<b>Cost as Quoted</b>	<b>\$1,624.07</b>

***Mac laptop, large***

Computer Name	MacBook Pro 15-in with Touch Bar Space Gray Color (MLH42LL/A) <b>or</b> MacBook Pro 15-in with Touch Bar Silver Color (MLW82LL/A)
Processor	(065-C416) - 2.7GHz Quad-core Intel Core i7, Turbo Boost up to 3.6GHz (065-C428) - Radeon Pro 455 with 2GB GDDR5 memory + Intel HD Graphics 530
Memory	(065-C41C) - 16GB 2133MHz LPDDR3 SDRAM
Hard Drive	(065-C41G) - 512GB PCIe-based Flash Storage

## FY 2018 STUDENT TECHNOLOGY FEE WORKSTATION GUIDELINES

---

Operating System	macOS
Screen	15.4-inch (diagonal) IPS LED-backlit; 2880-by-1800 resolution
<b>Cost as Quoted</b>	<b>\$2,599.00</b>