# Hardware Purchasing Resources

Due to supply chain shortages, please expect an extended lead time. Prices for the Fall 2021 Dell laptops will be available the week of 6/20/21.

## DESIGN STUDENTS

We are currently suggesting 2 tiers for incoming design students:

- **Basic** - This is the recommended system for most design students.
- **Advanced** - (VR Ready) This is the recommended system for students who are interested in using advanced and emerging digital technologies in the course of their studies. Focusing especially on virtual and augmented reality, as well as advanced rendering, real-time visualization and simulation, advanced scripting, and programming, and/or advanced building information modeling.

### Dell Direct Purchase Program

The School of Architecture Technology staff is recommending:

- **Basic** - Dell Mobile Precision 5560
- **Advanced** - Dell Mobile Precision 7560

To visit Dell's student purchase portal and see more details, go to [http://dell.com/utsoa](http://dell.com/utsoa). The 5560 & 7560 will appear on the Dell portal within the week of June 20th.

### Lenovo

- **Basic** - Lenovo ThinkPad P15 Gen 1 (20ST0050US)
- **Advanced** - Lenovo ThinkPad T15 Gen 1 (20UR004PUS)

### MSI

New models will be available Fall 2021.

- **Basic** - MSI WF65 10TI 444 - i7, 512GB SSD, 16GB RAM, NVIDIA Quadro T1000, 15.6" HD Display
- **Advanced** - MSI WS66 10TK 081 - i9, 1TB SSD, 64GB RAM, NVIDIA Quadro RTX 3000, 15.6" HD Display (VR Ready)

## NON-DESIGN STUDENTS

### Dell Direct Purchase Program

The School of Architecture Technology staff is recommending:

- **Basic** - This is the recommended system for most non-design students.
- Non-design students with strong digital technologies skills and interests may want to consider upgrading to the basic or advanced design student offering.

To visit Dell's student purchase portal and see more details, go to [http://dell.com/utsoa](http://dell.com/utsoa). The 5560 will appear on the Dell portal within the week of June 20th.

### Lenovo

- **Non-Design** - Lenovo ThinkPad P15s Gen 2 (20W6001UUS)
- Non-design students with strong digital technologies skills and interests may want to consider upgrading to the basic or advanced design student offering.

### MSI

New models will be available Fall 2021.

- **Basic** - MSI WF65 10TH 1201 - i7, 512GB SSD, 16GB RAM, NVIDIA Quadro P620, 15.6" HD Display

## Recommended Accessories:

**Amazon**

- 24 Inch Monitor - Amazon Choice
- External USB keyboard - Amazon Basics
- External USB Mouse - Amazon Basics
- Laptop Lock - Amazon Choice

**Dell**

- Dell P2419H Monitor
- Dell MS116 Keyboard & Mouse
- Kensington Combo Laptop Lock

**Lenovo**

- Lenovo ThinkVision P24q Monitor (CDW-G)
- Lenovo Essential Wired Keyboard and Mouse (CDW-G)

## Comparison Charts

*Prices subject to change*
## Design | Basic

<table>
<thead>
<tr>
<th>Model</th>
<th>Revised</th>
<th>Price</th>
<th>Weight</th>
<th>Processor</th>
<th>RAM</th>
<th>SSD</th>
<th>Video</th>
<th>Screen</th>
<th>Warranty</th>
<th>Accidental Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dell Mobile Precision 5550 (Fall 2020)</td>
<td>2021-03-15</td>
<td>$2,442.2 5 (Dell)</td>
<td>3.9 lbs.</td>
<td>i7-10850H 6-core 2.7GHz</td>
<td>16 GB DDR4 2933 MHz</td>
<td>512 GB M.2</td>
<td>NVIDIA Quadro T1000 4GB GDDR5</td>
<td>15.6” UltraSharp FHD w/ IR Camera +$205.31 upgrade to OLED UHD 4k non-touch screen</td>
<td>3 years ProSupport Plus</td>
<td>3 years (price included in ProSupport Plus warranty)</td>
</tr>
<tr>
<td>Dell Mobile Precision 5560 (Fall 2021)</td>
<td>2021-06-18</td>
<td>$2,717.0 8 (Dell)</td>
<td>4.0 lbs.</td>
<td>i7-11850H 8-core 2.5GHz</td>
<td>32 GB DDR4 3200 MHz Non-ECC</td>
<td>512 GB M.2</td>
<td>NVIDIA RTX A3000 4GB GDDR6</td>
<td>15.6” UltraSharp UHD 4k Touchscreen w/ IR Camera</td>
<td>3 years ProSupport Plus</td>
<td>3 years (price included in ProSupport Plus warranty)</td>
</tr>
<tr>
<td>Lenovo ThinkPad P15 Gen 1 (20T00000US) (Fall 2021)</td>
<td>2021-06-18</td>
<td>$2,789.5 0 (CDW-G)</td>
<td>6.04 lbs.</td>
<td>i7-10850H 6-core 2.7GHz</td>
<td>32 GB DDR4 2933 MHz</td>
<td>512 GB M.2</td>
<td>NVIDIA Quadro RTX 3000 6GB GDDR6</td>
<td>15.6” HD w/ IR Camera</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
</tr>
<tr>
<td>MSI WF65 10TI 444 (WF65444) (Fall 2020)</td>
<td>2020/06/19</td>
<td>$1,414.9 9 (CDW-G)</td>
<td>4.1lbs.</td>
<td>i7-10750H 6-core 2.6 GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro T1000 4GB GDDR5</td>
<td>15.6” FHD</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
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## Design | Advanced

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<tr>
<th>Model</th>
<th>Revised</th>
<th>Price</th>
<th>Weight</th>
<th>Processor</th>
<th>RAM</th>
<th>SSD</th>
<th>Video</th>
<th>Screen</th>
<th>Warranty</th>
<th>Accidental Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dell Mobile Precision 7550 (Fall 2020)</td>
<td>2021-05-25</td>
<td>$2,672.8 0 (Dell)</td>
<td>5.6 lbs.</td>
<td>i9-10885H 8-core 2.4 GHz</td>
<td>32 GB DDR4 2933 MHz</td>
<td>512 GB M.2</td>
<td>NVIDIA Quadro T2000 w/4GB GDDR6</td>
<td>15.6” FHD</td>
<td>3 years ProSupport Plus</td>
<td>3 years (price included in ProSupport Plus warranty)</td>
</tr>
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<td>Dell Mobile Precision 7560 (Fall 2021)</td>
<td>2021-06-18</td>
<td>TBD</td>
<td>5.4 lbs.</td>
<td>i9-11950H 8-core 2.6 GHz</td>
<td>32 GB DDR4 3200 MHz Non-ECC</td>
<td>512 GB M.2</td>
<td>NVIDIA RTX A3000 6GB GDDR6</td>
<td>15.6” UHD 4k w/ IR Camera</td>
<td>3 years ProSupport Plus</td>
<td>3 years (price included in ProSupport Plus warranty)</td>
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<tr>
<td>Lenovo ThinkPad T15g Gen 1 (20UR004PUS) (Fall 2021)</td>
<td>2021-06-18</td>
<td>$3,504.9 3 (CDW-G)</td>
<td>6.04 lbs.</td>
<td>i9-10885H 8-core 2.4 GHz</td>
<td>32 GB DDR4 3200 MHz Non-ECC</td>
<td>1 TB M.2</td>
<td>NVIDIA GeForce RTX 2060 8GB GDDR6</td>
<td>15.6” UHD 4k OLED Touch w/ IR Camera</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
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<tr>
<td>MSI WS66 10TK 081 (WS66081) (Fall 2020)</td>
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<td>i9-10980H8 8-core 2.4 GHz</td>
<td>64 GB DDR4</td>
<td>1 TB M.2</td>
<td>NVIDIA Quadro RTX 3000 6GB GDDR6</td>
<td>15.6” FHD</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
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## Non-Design

<table>
<thead>
<tr>
<th>Model</th>
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<th>Processor</th>
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<th>SSD</th>
<th>Video</th>
<th>Screen</th>
<th>Warranty</th>
<th>Accidental Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dell Mobile Precision 5550 (Fall 2020)</td>
<td>2021-05-25</td>
<td>$1,834.3 0 (Dell)</td>
<td>3.9 lbs.</td>
<td>i7-10750H 6-core 2.6GHz</td>
<td>8 GB</td>
<td>256 GB M.2</td>
<td>NVIDIA Quadro T1000 4GB GDDR5</td>
<td>15.6” UltraSharp FHD w/ IR Camera</td>
<td>3 years ProSupport Plus</td>
<td>3 years (price included in ProSupport Plus warranty)</td>
</tr>
<tr>
<td>Dell Mobile Precision 5560 (Fall 2021)</td>
<td>2021-06-18</td>
<td>$2,050.71</td>
<td>4.06 lbs.</td>
<td>i7-11800H 8-core 2.4GHz</td>
<td>16 GB DDR4 3200 MHz Non-ECC</td>
<td>512 GB M.2</td>
<td>NVIDIA Quadro T2000 4GB GDDR6</td>
<td>15.6” UltraSharp FHD w/ IR Camera</td>
<td>3 years ProSupport Plus</td>
<td>3 years (price included in ProSupport Plus warranty)</td>
</tr>
<tr>
<td>Lenovo ThinkPad P15s Gen 2 (20W6001UUS) (Fall 2021)</td>
<td>2021-06-18</td>
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<td>i7-1165G7 4-core 2.8GHz</td>
<td>16 GB DDR4 3200 MHz Non-ECC</td>
<td>512 GB M.2</td>
<td>NVIDIA Quadro T900 4GB GDDR6</td>
<td>15.6” FHD w/ IR Camera</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
</tr>
<tr>
<td>MSI WF65 107H 1201 (WF651201) (Fall 2020)</td>
<td>2020/06/19</td>
<td>$1,262.9 9 (CDW-G)</td>
<td>4.1 lbs.</td>
<td>i7-10750H 6-core 2.2GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P620 20GB GDDR5</td>
<td>15.6” HD</td>
<td>3 years (factory)</td>
<td>1 year (factory)</td>
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