Hardware Purchasing Resources

**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, especially virtual and augmented reality, and also including: 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 5530
  - Dell Mobile Precision 5530 2-in-1 - Basic plus tablet mode & stylus (16GB max RAM)
  - Dell Mobile Precision 7530 – Advanced

To visit Dell's student purchase portal and see more details, go to: [http://dell.com/utsoa](http://dell.com/utsoa)

**Lenovo**

- **Basic** - Lenovo ThinkPad P52 (20M9000XUS)
- **Advanced** - Lenovo ThinkPad P52 (20M9000LUS)
- **Advanced (4k)** - Lenovo ThinkPad P52 (20M9024US)

**MSI**

MSI discounted systems can be purchase through the Campus Computer Store (Hi-Ed).

- **Basic** - MSI WE63 8SJ 234 - i7, 512GB SSD, 16GB RAM, NVIDIA Quadro P2000, 15.6" HD Display
- **Advanced** - MSI WS63 8SK 017 - i7, 512GB SSD, 32GB RAM, NVIDIA Quadro P3200, 15.6" HD Display (VR Ready)

**Recommended Accessories** (least expensive):

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

**NON-DESIGN STUDENTS**

**Dell Direct Purchase Program**

The School of Architecture Technology staff is recommending:

- **Dell Mobile Precision 5530** – 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 advance design student offering.

To visit Dell's student purchase portal and see more details, go to: [htp://dell.com/utsoa](http://dell.com/utsoa)

**Lenovo**

- **Non-Design** - Lenovo ThinkPad P52 (20M9000GUS)
- Non-design students with strong digital technologies skills and interests may want to consider upgrading to the basic or advance design student offering.

**MSI Purchase Program**

- **MSI WE63 8SI 238** - i7, 512GB SSD, 16GB RAM, NVIDIA Quadro P1000, 15.6" HD Display

**Pricing Comparison Charts** (some prices subject to change, last updated 8/13/18)

<table>
<thead>
<tr>
<th>Design-Basic Models</th>
<th>Price</th>
<th>Weight (w/6 cell battery)</th>
<th>Price Comparable Package</th>
<th>Processor</th>
<th>RAM</th>
<th>SSD</th>
<th>Video</th>
<th>Screen</th>
<th>Warranty</th>
<th>Accidental Damage</th>
<th>External Monitor, Mouse, Keyboard, Lock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dell Mobile Precision 5530</strong></td>
<td>$2596.12</td>
<td>4.25 lbs.</td>
<td>$2596.12</td>
<td>i7 6-core 2.6 GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P2000</td>
<td>15.6&quot; HD</td>
<td>3 years</td>
<td>$171.10 for 4 years</td>
<td>Yes (Included in default package: Dell P2417H Monitor, Dell MS116 Keyboard &amp; Mouse, Kensington Combo Laptop Lock)</td>
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### Design Advanced Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Weight</th>
<th>Price Comparable Package</th>
<th>Processor</th>
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<th>Video</th>
<th>Screen</th>
<th>Warranty</th>
<th>Accidental Damage</th>
<th>External Monitor, Mouse, Keyboard, Lock</th>
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<tbody>
<tr>
<td><strong>Dell Mobile Precision 7630</strong></td>
<td>$3599.99 (Dell)</td>
<td>5.75 lbs.</td>
<td>$3599.99</td>
<td>Xeon 6-core 2.9GHz</td>
<td>32 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P3200</td>
<td>15.6” HD</td>
<td>3 years</td>
<td>3 years (price included in warranty extension) Yes</td>
<td></td>
</tr>
<tr>
<td><strong>Lenovo ThinkPad P52 (20M9000LUS)</strong></td>
<td>$2658.23 (CDW-G) ($2915.10 with recommended RAM upgrade)</td>
<td>5.4 lbs.</td>
<td>$3447.95 w/ Lenovo 3 year warranty, accidental damage, monitor, keyboard, mouse and lock. *medium processor</td>
<td>i7 6-core 2.6 GHz</td>
<td>16 GB</td>
<td>512 GB</td>
<td>NVIDIA Quadro P3200</td>
<td>15.6” HD</td>
<td>3 years</td>
<td>No</td>
<td></td>
</tr>
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</table>

### Specifications
- **Lenovo ThinkPad P52 (20M9000US)**
  - Price: $2289.00 (Amazon) / $2362.87 (CDW-G)
  - Weight: 5.4 lbs.
  - Processor: i7 6-core 2.6 GHz
  - RAM: 16 GB
  - SSD: 512 GB
  - Video: NVIDIA Quadro P2000
  - Screen: 15.6” HD
  - Warranty: 3 years (factory)
  - Accidental Damage: 3 years (factory)
  - *Slower processor: i7 6-core 2.2 GHz
  - *Medium processor
  - Price Comparable Package: $256.87 upgrade to 32 GB (CDW-G)
  - $369 to extend warranty/accidental to 4 years - Safeware (campuscomputer.com)
  - Add $449.11 for Lenovo 4-year warranty/accidental/prime support (CDW-G)
  - Add $260.46 for Lenovo 3-year warranty/accidental/prime support (CDW-G)
  - Includes Lenovo 4-year warranty/accidental/premier support.
  - Least expensive options on Amazon: $239.72 Lenovo ThinkVision P24q Monitor (CDW-G) + $32.67 Lenovo Essential Wired Keyboard and Mouse (CDW-G)

### MSI WE63 8SJ-234
- Price: $1799.95 (Campuscomputer) / $1849.00 (Amazon)
- Weight: 5.05 lbs.
- Processor: Xeon 6-core 2.9GHz
- RAM: 32 GB
- SSD: 512 GB
- Video: NVIDIA Quadro P3200
- Screen: 15.6” HD
- Warranty: 3 years (factory)
- Accidental Damage: 3 years (factory)
- *Faster processor
- Price Comparable Package: $512.85 upgrade to 64 GB
- $213.86 upgrade to 4k Screen
- Add $132.14 for 4 years
- Add $277.34 for 5 years
- Included in default package:
  - Dell P2417H Monitor
  - Dell MS116 Keyboard & Mouse
  - Kensingon Combo Laptop Lock

### Comparable Packages
- **Lenovo ThinkPad P52 (20M9000US)**
  - Price: $2658.23 (CDW-G) ($2915.10 with recommended RAM upgrade)
  - Weight: 5.4 lbs.
  - Processor: i7 6-core 2.6 GHz
  - RAM: 16 GB
  - SSD: 512 GB
  - Video: NVIDIA Quadro P3200
  - Screen: 15.6” HD
  - Warranty: 3 years (factory)
  - Accidental Damage: 3 years (factory)
  - Price Comparable Package: $472.57 upgrade to 4k Touchscreen (20M90024US) (CDW-G)
  - $369 to extend warranty/accidental to 4 years - Safeware (campuscomputer.com)
  - Add $449.11 for Lenovo 4-year warranty/accidental/prime support (CDW-G)
  - Add $260.46 for Lenovo 3-year warranty/accidental/prime support (CDW-G)
  - Includes Lenovo 4-year warranty/accidental/premier support.
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### Non-Design Models

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*Prices are for base models unless otherwise noted.*

**MSI WS63 8SK-017**
- $2749.95 (campuscomputer)
- 4.2 lbs.
- $2981.95 w/ Safeware 4 year warranty, accidental damage, and amazon monitor, keyboard, mouse and lock
- *slower processor*
- i7 6-core 2.2 GHz
- 32 GB
- 512 GB (Boot) + 2TB Data Drive
- NVIDIA Quadro P3200
- 15.6” HD
- 3 years (factory)
- +$369 to extend warranty/accidental to 4 years - Safeware (campuscomputer.com)
- 1 year (factory)
- No

+$143 for least expensive options on Amazon

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