






Weitzman BTS 2022 Hardware Recommendations

The table below outlines our recommended laptop specs for each program. If you have any questions or would like any further information, you can contact an IT staff member at ithelp@design.upenn.edu and we will be happy to discuss options. Be mindful that higher specs will come at the expense of weight and portability, so be sure to choose the machine that will best suit your needs.

Laptop	
Recommended for: City Planning (non-Urban Design concentrations)	
	
Dell XPS 15 9520 \$2,215.00	
CPU	12 th Gen Intel i7-12700H (24 MB cache, 14 cores, 20 threads, 2.30 GHz to 4.70 GHz)
GPU	NVIDIA GeForce RTX 3050 (4GB)
RAM	16GB
Storage	1TB SSD
Screen	15.6" (1920x1200, Non-Touch)
Weight	4.22 lbs/1.92 kg
Low-End Workstation	
Recommended for: City Planning (all concentrations), Historic Preservation	
	
Dell Precision 5470 \$2,730.00	
	
Dell Precision 5570 \$2,935.00	
CPU	12 th Gen Intel i7-12800H (24 MB cache, 14 cores, 20 threads, 2.40 GHz to 4.80 GHz)
GPU	NVIDIA RTX A1000 (4GB)
RAM	32GB
Storage	1TB SSD
Screen	14" (1920x1200, Non-Touch)
Weight	3.26 lbs/1.48 kg
Screen	15.6" (1920x1200, Non-Touch)
Weight	4.06 lbs/1.84 kg
Mid-Range Workstation	
Recommended for: City Planning (all concentrations), Historic Preservation, Architecture (non-Robotics concentrations), Landscape Architecture	
	
Dell Precision 5570 \$3,193.15	
CPU	12 th Gen Intel i9-12900H (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 5.00 GHz)
GPU	NVIDIA RTX A2000 (6 GB)
RAM	64 GB
Storage	1TB SSD
Screen	15.6" (1920x1200, Non-Touch)
Weight	4.06 lbs/1.84 kg
High-End Workstation	
Recommended for: Architecture (all concentrations), Landscape Architecture	
	
Dell Precision 5770 \$3,747.65	
CPU	12 th Gen Intel i9-12900H (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 5.00 GHz)
GPU	NVIDIA RTX A3000 (12GB)
RAM	64 GB
Storage	1TB SSD
Screen	17" (1920x1200, Non-Touch)
Weight	4.70 lbs./2.13 kg