Recommended Hardware

Overview

This page outlines information about recommended hardware which includes desktop and laptop computers, printers, copiers, smartphones, tablets, classrooms, servers, and networking equipment. In some areas specific hardware is not referenced but information is provided in order to facilitate consultation.

This document will be revised based on contributions from IT professionals in Franklin College and will evolve as new standards and best practices emerge. For additional information, please contact the Franklin OIT Help Desk.

Step-by-step guide

- Computers
  - Desktops
  - Laptops
- Printers, Scanners, and Multi-function Copiers
  - Individual Laser Printers
- Smartphones and Tablets
- Classroom and Conference Room Technology
- Server and Networking Equipment
- Related articles
- External Resources

Computers

Franklin OIT purchases and supports Dell and Apple computers with four year warranties. The laptop and desktop configurations below represent our standard configurations. The Dell systems below can be purchased on the Dell punchout of UGAMart under the Franklin College section. The Apple systems below require correspondence with our account representative prior to ordering in order to add the fourth year on the warranty. For help with ordering computers, please submit a ticket to the help desk to receive consultation from a member of the Client Services team.

Dell Standard Desktop | Dell Tower Desktop | Apple Standard iMac
---|---|---
Model | OptiPlex 7000 Small Form Factor | OptiPlex Tower (Plus 7010) | Apple 24" iMac M1 Chip
Processor | Intel i5-13500 | Intel i7-13700 | Apple M1 8-core CPU+GPU
Memory | 16 GB | 16 GB | 16 GB
Hard Drive | 512GB M.2 SSD | 512GB M.2 SSD | 512 GB SSD
Warranty | 5 Years | 5 Years | 4 Years
Includes | 24" Monitor Wired Keyboard & Mouse DVD+/-RW | 24" Monitor Wired Keyboard & Mouse DVD+/-RW | Integrated Display Wireless Keyboard & Mouse Built-in Webcam USB Adapter
Estimated Cost | $1,237 | $1,425 | $1,998

Laptops

Dell Standard Laptop | Dell 2-in-1 Laptop | Apple Standard Macbook Pro
---|---|---
Model | Dell Latitude 5440 | Dell Latitude 5340 2-in-1 | Apple 14" MBP M2 Pro Chip
Processor | Intel i7-1365U | Intel i7-1365U | Apple M2 Pro with 10-Core CPU, 16-Core GPU
Memory | 16 GB | 16 GB | 16 GB
Hard Drive | 512GB SSD | 512GB SSD | 512 GB SSD
Warranty | 4 Years | 4 Years | 4 Years
Printers, Scanners, and Multi-function Copiers

Franklin OIT purchases and supports a variety of printers, scanners, and multi-function copiers based on the requirements of the clients. When purchasing printers, we generally recommend Dell printers with five year warranties, and we strongly recommend workgroup models that can be shared across multiple clients. We do not recommend purchasing multi-function or color printers for individual use. When purchasing large multi-function copiers, we recommend using devices that include annual maintenance.

Included in the table below is information on the recommended individual laser printer which can be purchased on the Dell punchout of UGAMart under the Franklin College section. There are a variety of printer, scanner, and multi-function copier options available so please submit a help desk ticket to receive a purchase consultation from a member of the Client Services team.

Individual Laser Printers

<table>
<thead>
<tr>
<th>Lexmark MS331DN Laser Printer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Print Speed</strong></td>
</tr>
<tr>
<td><strong>Color</strong></td>
</tr>
<tr>
<td><strong>Two-sided printing</strong></td>
</tr>
<tr>
<td><strong>Connections</strong></td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
</tr>
</tbody>
</table>

Smartphones and Tablets

Franklin OIT recommends Apple and Android based smartphones and tablets. All phones and tablets that contain 3G or 4G antennas are considered Wireless Communication Devices (WCDs) by the Office of Telephone Services which require special approval before ordering. For help with ordering state funded smartphones and tablets, please submit a ticket to the Helpdesk to receive consultation from a member of the Client Services team.

Classroom and Conference Room Technology

Franklin OIT collaborates with the Center for Teaching and Learning (CTL) to implement and support a standard model in classrooms across the college. This standard model uses a variety of technologies based on the instructional needs of the space. For questions about classroom technology needs, please submit a ticket to the Helpdesk to schedule an appointment with a member of the Instructional Technology team.

Server and Networking Equipment

Franklin OIT purchases Dell server hardware and complies with University standards for switches and access points. In collaboration with Enterprise Information Technology Services (EITS), we support Ruckus switches and Aruba wireless access points. All wireless networking deployed on the contiguous campus must be a part of the campus-wide PAWS system. Please submit a ticket to the Helpdesk to request consultation from a member of the Systems Management team.

Related articles

- Recommended Hardware
- Supported Operating Systems and Applications
- IT Standards
- Legacy Applications

External Resources