

# 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

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## 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.

### Desktops

	Dell Standard Desktop	Dell MidTower Desktop	Apple Standard iMac	Apple Large-Screen iMac
<b>Model</b>	Dell OptiPlex SFF 7070	Dell Optiplex MT 7070	Apple 21.5" iMac	Apple 27" Retina Display iMac
<b>Processor</b>	Intel Core i5-9500	Intel Core i7-9700	Intel Core i5, 3.0 GHz	Intel Core i5, 3.4 GHz
<b>Memory</b>	8 GB	16 GB RAM	8 GB	16 GB RAM
<b>Hard Drive</b>	1 TB HD	2 TB HD	256 GB SSD	512 GB SSD
<b>Warranty</b>	5 Years	5 Years	4 Years	4 Years
<b>Includes</b>	22" Monitor Wired Keyboard & Mouse DVD+/-RW	22" Monitor Wired Keyboard & Mouse DVD+/-RW	Integrated Display Wired Keyboard & Mouse Built-in Webcam	Integrated Display Wired Keyboard & Mouse Built-in Webcam
<b>Estimated Cost</b>	<b>\$882.17</b>	<b>\$1,093.17</b>	<b>~\$1600</b>	<b>~\$2300</b>

### Laptops

	Dell Standard Laptop	Dell Lightweight Laptop	Apple Standard Macbook Pro
<b>Model</b>	Dell Latitude 5400	Dell Latitude 7300	Apple 13" MBP
<b>Processor</b>	Intel Core i5-8365U	Intel Core i5-8365U	Intel Core i5, 3.1 GHz
<b>Memory</b>	8 GB	8 GB	8 GB
<b>Hard Drive</b>	1 TB Drive	256 GB SSD	256 GB SSD
<b>Warranty</b>	4 Years	4 Years	4 Years
<b>Includes</b>	14" Chassis (14" Screen) Built-in Webcam USB-C dock available (+\$226.00) Dual-band wireless	12" Chassis (13.3" Screen) Built-in Webcam USB-C dock available (+\$251.27) Dual-band wireless	Integrated 13" Retina display Built-in Webcam Ethernet and AV adapters
<b>Estimated Cost</b>	<b>\$988.00</b>	<b>\$1,266.20</b>	<b>~\$2100</b>

## Printers, Scanners, and Multifunction Copiers

Franklin OIT purchases and supports a variety of printers, scanners, and multifunction 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 multifunction or color printers for individual use. When purchasing large multifunction copiers, we recommend using Savin 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 multifunction 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

	<b>Lexmark MS321 dn Laser Printer</b>
<b>Print Speed</b>	Up to 38 ppm
<b>Color</b>	Monochrome
<b>Two-sided printing</b>	Automatic
<b>Connections</b>	USB and Ethernet
<b>Warranty</b>	5 Years
<b>Estimated Cost</b>	<b>\$249.58</b>

## 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 Foundry/Brocade switches and Cisco 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](#)
- [IT Standards](#)
- [Supported Operating Systems and Applications](#)
- [Legacy Applications](#)

## External Resources