

STANDARD CONFIGURATION

These choices represent standard hardware and software configurations that are supported by Biology IT. We consider these options to be the best to ensure performance, security, and reliability. Please contact us at biologyit-tech@iastate.edu for purchasing consultations. **Pricing is subject to change at any time.**

You can find our latest catalog at <https://www.biology-it.iastate.edu> under "Purchase Hardware". Please check for a new catalog before placing an order!

WINDOWS

- Windows 11 Enterprise 64-bit
- Software Center application and SCCM client
- Microsoft Windows Defender (anti-virus and anti-malware)
- 7-Zip, Cisco VPN client, Google Chrome, Mozilla Firefox, PuTTY

MAC

- macOS Sonoma - 14
- Self Service and Jamf client
- Cisco VPN client, Google Chrome, Mozilla Firefox

BOTH

- Joined to IASTATE.EDU Active Directory
- Backup software (department- specific)
- Encryption
- K2 KeyAccess (inventory system client)
- Microsoft Office 2021
- Adobe Creative Cloud App (includes Adobe Acrobat Pro DC)

ORDERING

To place your order, email biologyit@iastate.edu with the following information:

1. Item(s) to Purchase: e.g., (1) A3 upgrade, (1) D4, and (3) M2
2. Billing Worktag and DD: If you have multiple worktags, indicate how it should be split
 - a. Note: Split billing is not allowed on Apple purchases at this time
3. Specific Software: e.g ChemDraw 16.1, Google Earth Pro, SnapGene
4. Comments or Requests: e.g. Install printer in 409 Science II, help me set up Box Drive

DELIVERY

Once your item(s) are configured and set up, a member of our team will contact you about details on delivery date of your choice and any other arrangements.

MAC LAPTOP OPTIONS

A1 - Daily Use M3 MacBook Air 13" - \$1,188

- Processor: Apple M3 chip with 8-core CPU
- Memory: 8GB unified memory
- Storage: 256 GB PCIe Flash Storage
- Graphics: Apple M3 chip with 8-core GPU
- Display: 13.6-inch Liquid Retina display with True Tone
- Ports: 2 USB-C Thunderbolt 4, MagSafe 3 charging port, and Touch ID
- Exterior Color: Silver, Gold, or Space Gray
- Warranty: 4 year AppleCare+ Protection Plan



weight: 2.8 lbs

A2 - High Performance M3 MacBook Air 13" - \$1,388

- Processor: Apple M3 chip with 8-core CPU
- Memory: 8GB unified memory
- Storage: 512 GB PCIe Flash Storage
- Graphics: Apple M3 chip with 10-core GPU
- Display: 13.6-inch Liquid Retina display with True Tone
- Ports: 2 USB-C Thunderbolt 4, headphone, and Touch ID
- Exterior Color: Silver, Starlight, Space Gray, or Midnight
- Warranty: 4 year AppleCare+ Protection Plan



weight: 2.7 lbs

Biology IT Recommended!

- **Upgrade to 16GB RAM** - Add \$200
- **Upgrade to 1TB SSD** - Add \$180

A3 - High Performance MacBook Pro 14" - \$2,148

- Processor: Apple M3 Pro chip with 11-core CPU
- Memory: 18GB unified memory
- Storage: 512 GB PCIe Flash Storage
- Graphics: Apple M3 Pro chip with 14-core GPU
- Display: 14 inch Retina
- Ports: 3 USB-C Thunderbolt 4, HDMI, headphone, and Touch ID
- Exterior Color: Silver or Space Gray
- Warranty: 4 year AppleCare+ Protection Plan



weight: 3.5 lbs

- **Upgrade to 1TB SSD** - Add \$180

A4 - High Performance MacBook Pro 16" - \$2,728

- Processor: Apple M3 Pro chip with 12-core CPU
- Memory: 18GB unified memory
- Storage: 512 GB PCIe Flash Storage
- Graphics: Apple M2 Pro chip with 18-core GPU
- Display: 16 inch Retina
- Ports: 3 USB-C Thunderbolt 4, HDMI, headphone, and Touch ID
- Exterior Color: Silver or Space Gray
- Warranty: 4 year AppleCare+ Protection Plan



weight: 4.7 lbs

- **Upgrade to M3 Max** - Add \$320
- **Upgrade to 1TB SSD** - Add \$180
- **Upgrade to 36GB RAM** - Add \$400

Last Revised: 5/7/2024

MAC DESKTOP OPTIONS

A5 - Daily Use iMac 24" M3 - \$1,418

- Processor: Apple M3 chip with 8-core CPU
- Memory: 8 GB unified memory
- Storage: 256 GB Flash Storage
- Graphics: Apple M3 chip with 8-core GPU
- Display: 23.5 inch (4480 x 2520)
- Ports: 2 USB4 (Thunderbolt 4, USB-C), Headphone, Ethernet, SDXC
- Mouse: Magic Mouse 2 Wireless
- Keyboard: Apple Magic Keyboard Wireless (English) with Touch ID
- Warranty: 4 year AppleCare+ Protection Plan



Upgrade to 16 GB RAM and 512 GB Storage - add \$360

Biology IT Recommended!

A6 - High Performance M2 Max Mac Studio - 1,968

- Processor: Apple M2 Max chip with 12-core CPU
- Memory: 32 GB unified memory
- Storage: 512 GB Flash Storage
- Graphics: Apple M2 Max chip with 30-core GPU
- Ports: 4 USB-C Thunderbolt 4, 2 USB 3.0, HDMI, 10Gb Ethernet, Headphone
- Warranty: 4 year AppleCare+ Protection Plan



Monitor not included in base package

- Upgrade to 38-core GPU - add \$180**
- Upgrade to 64GB RAM - add \$360**
- Upgrade to 1TB SSD - add \$180**

Add M2 Monitor, Apple Keyboard and Mouse - add \$458

A7 - M2 Mac Mini - \$828

- Processor: Apple M2 chip with 8-core CPU
- Memory: 8 GB unified memory
- Storage: 512 GB Flash Storage
- Graphics: Apple M2 chip with 10-core GPU
- Ports: 2 USB 3.0, 2 USB-C Thunderbolt 4, Headphone, Ethernet, HDMI
- Warranty: 4 year AppleCare+ Protection Plan



Monitor not included in base package

- Upgrade to 16GB RAM - add \$360**
- Upgrade to 1TB SSD - add \$380**
- Upgrade to M2 Pro, 16GB RAM - add \$500**

Add M1 Monitor, Apple Magic Keyboard with Touch ID and Numeric Keypad and Apple Magic Mouse - add \$497



Contact us for more configuration options

DELL LAPTOP OPTIONS

D1 - Daily Use Latitude 5450 - \$1,303

- Processor: Intel® Core™ Ultra 7 165H vPro® (16 cores, up to 5.0 GHz Turbo)
- Memory: 16 GB: 2 x 8 GB, DDR5, 5600 MT/s
- Storage: 256 GB, M.2 2230, TLC, Gen 4 PCIe NVMe, SSD
- Display: 14.0 inch LCD (1920 x 1080) Non-Touch Anti-Glare LCD
- Ports: 2x USB 3.2, 2x USB-C (TB4), HDMI, Headphone, Ethernet
- Warranty: 4 year Dell ProSupport Plus & Accidental damage coverage



weight: 3.09 lbs

D2 - High Performance Latitude 7450 - \$1,409

- Processor: Intel® Core™ Ultra 7 165H, vPRO (16 cores, up to 5.0 GHz Max Turbo)
- Memory: 16 GB: LPDDR5x, 6400 MT/s
- Storage: 512 GB, M.2 2230, TLC PCIe Gen 4 NVMe, SSD
- Display: 14.0 inch LCD (1920 x 1200) Non-Touch Anti-Glare LCD
- Ports: 2x USB 3.2, 2x USB-C (TB4), HDMI, Headphone
- Warranty: 4 year Dell ProSupport Plus & Accidental damage coverage

Biology IT Recommended!



weight: 2.33 lbs

Upgrade to touchscreen for +\$38

Upgrade to 2-in-1 for +\$158

D3 - High Performance Precision 5490 - \$2,227

- Processor: Intel® Core™ Ultra 7 155H vPro® Essentials (16 cores, up to 4.8 GHz)
- Memory: 16 GB: LPDDR5x, 7467 MT/s, dual-channel
- Storage: 512 GB M.2 PCIe NVMe Gen 4 2280 SSD, Class 40
- Graphics: NVIDIA® RTX™ 1000 Ada Generation, 6 GB GDDR6
- Display: 14 inch LCD (1920 x 1200) Non-Touch LCD
- Ports: 4x USB-C (TB4), Headphone
- Warranty: 4 year Dell ProSupport Plus & Accidental damage coverage



weight: 3.29 lbs

Upgrade to 1TB SSD for \$29

Upgrade to 32GB RAM for \$143

Upgrade both for \$372

DELL DESKTOP OPTIONS

D5 - Base Performance Optiplex SFF - \$735

- Processor: Intel® Core™ i5 14600 vPro® (14 cores, up to 5.2 GHz Turbo)
- Memory: 16 GB (1 x 16 GB) DDR5
- Storage: 256GB M.2 PCIe NVMe Class 35 Solid State Drive
- Graphics: Intel Integrated Graphics
- Optical Drive: 8x DVD+/-RW
- Warranty: 4 year Dell Hardware Service



D6 - High Performance Optiplex SFF Plus - \$911

- Processor: Intel® Core™ i7 14700 vPro® (20 cores, up to 5.3 GHz Turbo)
- Memory: 16 GB (1 x 16 GB) DDR5
- Storage: 512GB M.2 PCIe NVMe Class 40 Solid State Drive
- Graphics: Intel Integrated Graphics
- Optical Drive: 8x DVD+/-RW
- Warranty: 4 year Dell Hardware Service

Biology IT Recommended!



D7 - High Performance GPU Precision 3680 - \$2,075*

- Processor: Intel® Core™ i7 14th Gen 14700 (20 cores, 2.1 GHz to 5.4 GHz)
- Memory: 32GB: 2 x 16 GB, DDR5, 4400 MT/s, non-ECC
- Storage: 512 GB, M.2 2280, Gen 4 PCIe NVMe, SSD
- Graphics: Nvidia RTX 2000 Ada, 16 GB GDDR6, 4 mDP to DP
- Optical Drive: 8x DVD+/-RW
- Warranty: 4 year Dell Hardware Service



*This is not a Standard IBOR Configuration.
Price is dependent on Dell Quote

Ordering a new desktop? We recommend a new monitor too!

We have a number of options available for reasonable prices on page 7. We strongly encourage purchasing a new monitor when you buy a new computer - that way your monitor is also under warranty.

If you do not buy a monitor, it is possible you will need to purchase video adapters to be able to connect your old monitor to your new computer.

If you want a soundbar for your new monitor, you can purchase the Dell Stereo Soundbar AC511M (pictured) for **\$27**.



TABLET OPTIONS

BiologY IT Recommended!

T1 - 10.9-inch iPad Wi-Fi 64GB - \$438

- 10th Generation
- Processor: A14 Bionic Chip
- Storage Capacity: 64 GB
- Camera: 12 MP Camera
- FaceTime Camera (front facing): 12 MP Camera
- Display: 10.9-inch Retina Display
- Exterior: Silver, Blue, Pink, Yellow
- Warranty: 4 year AppleCare+ Protection Plan



weight: 1.07lbs

Upgrade to 256 GB Storage for \$150

T2 - 13-inch iPad Pro Wi-Fi 128GB - \$1448

- Processor: Apple M4 Chip
- Storage Capacity: 256 GB w/ 8GB RAM
- Camera: 12MP Ultra Wide
- FaceTime Camera (front facing): 12 MP Ultra Wide
- Display: 13-inch Ultra Retina XDR Display
- Exterior: Space Black, Silver
- Warranty: 4 year AppleCare+ Protection Plan



weight: 1.28 lbs

Upgrade to 512GB Storage for \$200

T3 - 8.3-inch iPad Mini Wi-Fi 64GB - \$558

- Processor: A15 Bionic chip
- Storage Capacity: 64 GB
- Camera: 12MP Wide camera
- FaceTime Camera (front facing): 12MP Ultra Wide front camera w/ 1080p HD video
- Display: 8.3-inch Retina Display
- Exterior: Space Grey, Starlight, Purple, Pink
- Warranty: 4 year AppleCare+ Protection Plan



weight: 0.65 lbs

Upgrade to 256GB Storage for \$150

Ordering a new iPad? We recommend some accessories!

iPads are used in the field, in the classroom, and often it can be easier to work directly off of them in the office. Apple offers covers for protection, the apple pencil for handwriting and graphical design uses, and keyboards for turning your tablet into an effective office tool.

The apple accessories are compatible with all the iPads offered in the catalog, and BiologY IT is more than happy to assist in purchasing the correct option for your iPad!



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MONITORS

M1 - Dell P2725H 27" LCD Monitor - \$180

- Resolution: 1920 x 1080
- Connectivity: VGA, DisplayPort, HDMI, 3 USB 3.2, 1 USB-C 3.2 (data only)
- Features: Adjustable stand with tilt with DisplayPort, HDMI, USB cables
- Warranty: Dell 3 Year Premium Panel Limited Warranty - Advanced Exchange

Biology IT Recommended!



M2 -Dell U2424H 24" USB-C LCD Monitor - \$189

- Resolution: 1920 x 1080
- Connectivity: USB-C, DisplayPort, HDMI, 3 USB 3.0
- Features: Adjustable stand with tilt with USB-C and DisplayPort cables
- Warranty: Dell 3 Year Premium Panel Limited Warranty - Advanced Exchange

Biology IT Recommended!



M3 - Dell U2724DE 27" USB-C LCD Monitor - \$320

- Resolution: 22560 x 1440
- Connectivity: USB-C, DisplayPort, HDMI, 4 USB 3.0, RJ-45 Ethernet
- Features: Adjustable stand with tilt with USB-C and DisplayPort cables
- Warranty: Dell 3 Year Premium Panel Limited Warranty - Advanced Exchange



M4 -Dell U3223QE 32" 4K USB-C Hub Monitor - \$688

- Display Type : LED-edgelit LCD monitor / TFT active matrix
- Diagonal Size : 34.14"
- Connectivity: HDMI, DP, TB4, TB4 daisy chaining, 4x USB 3.2, RJ-45 Ethernet
- USB-C Power Delivery : 90 Watt
- Warranty: Dell 3 Year Premium Panel Limited Warranty - Advanced Exchange



APPLE ACCESSORIES

X1 - Apple USB-C Digital AV Multiport Adapter - \$69

- 3 adapters in one for the new MacBook Pro
- Only for MacBook Pro (2016 or later) or MacBook Air (2018 or later)
- Connect a standard monitor or projector that uses a HDMI
- Connect a standard USB device
- Connect a USB-C charging cable
- Part: Apple MUF82AM/A



X2 - StarTech USB-C Multiport Adapter - \$50.32

- The adapter that does it all!
- Connect to standard projectors and monitors using VGA or HDMI
- Connect up to 3 regular USB flash drive or USB device to USB-C
- Connect to the wired network in your office or lab
- Connect microSD and SD card reader for camera cards
- Only for MacBook Pro (2016 or later) or MacBook Air (2018 or later)
- Part: CDWG# 5183417



X3 - USB-C to HDMI Adapter - \$26.65

- Connect a standard monitor or projector that uses HDMI
- Only for MacBook Pro (2016 or later) and MacBook Air (2018 or later)
- Part: CDWG# 3813119



X4 - Apple USB-C to USB-A Adapter - \$19

- Connect a regular USB flash drive or USB device to USB-C
- Only for MacBook Pro (2016 or later) or MacBook Air (2018 or later)
- Part: Apple MJ1M2AM/A



X5 - CalDigit TS4 Thunderbolt Dock - \$369.36

- 3 x Thunderbolt 4 Ports
- 3 x USB 3.2 Gen 2 Type-C
- 5 x USB 3.2 Gen 2 Type-A
- 1 x DisplayPort 1.4
- 1 x SD, 1 x microSD Card Slots
- 1 x 2.5 Gigabit Ethernet Port
- 1 x 3.5mm Combo Audio Jack
- 1 x Rear Audio Out, 1 x Rear Audio In
- 98W Power Delivery
- CalDigit USB-C to DisplayPort 1.4 8K HDR Adapter
- Parts dock: BH #CATS4US; adapter: BH #CAUSBCDP14



DELL ACCESSORIES

Y1 - USB-C to VGA Adapter - \$21.92

- Connect a standard monitor or projector that uses a VGA connector
- Only for Dell Latitude 7480/7490
- Part: Dell 470-ABNC



Y2 - Dell USB-C to HDMI/VGA/Ethernet/USB 3.0 - \$97.12

- Connect to monitors or projectors with HDMI, VGA, DisplayPort, or USB-C
- Connect to peripherals with 2x USB3 ports or 1x USB-C port
- Connect to the network with gigabit ethernet
- Part: Dell DA310



Y3 - Dell USB-C to HDMI Adapter- \$27.74

- Connect a standard monitor or projector that uses HDMI
- Part: Dell 470-ABMZ



Y4 - Dell External DVD Drive DW316 - \$28

- Play and record CDs and DVDs over USB
- Includes drive and USB cable
- Part: Dell 429-AAUQ



Y5 - Dell Thunderbolt Dock WD22TB4 - \$178

- Features: Connect laptop with a single cable to power and connect to displays, keyboard, mouse, network, and other peripherals
- Display: Supports up to 3 FHD displays, 2 4K displays or one 5K display
- Ports: 3 USB 3.2, 3 USB-C, HDMI, 2 DisplayPort, 1 DP over USB-C, Ethernet
- Includes: Dock, USB-C cable, power adapter
- Part: Dell 210-BDQH



PRINTERS

Please note that printer pricing changes often. The prices below are an estimated average.

P1 - Personal B&W HP LaserJet Pro 4001dn - \$250.17

- Recommended Use: Best for personal offices or small lab
- Trays: 100-sheet multipurpose tray 1, 250-sheet input tray 2
- Recommended Monthly Volume: 750 - 4000 pages
- Max Speed: 42 pages per minute
- Toner: HP 148A Black Original LaserJet Toner Cartridge (~2,900 pages), W1480A; HP 148X Black Original LaserJet Toner Cartridge (~9,500 pages), W1480X; HP W1020XC High Yield Black Contract Original LaserJet Toner Cartridge (~10,000) pages, W1020XC[6]
- CDWg Part: 7039652



P2 - Personal Color HP Color LaserJet Pro 4201dn- \$417.57

- Recommended Use: Best for personal offices or small lab
- Trays: 50-sheet multipurpose tray, 250-sheet input tray
- Recommended Monthly Volume: 750 - 4000 pages
- Max Speed: 35 pages per minute
- Toner: HP W2100A Black, W2101A Cyan, W2102A Yellow, W2103A Magenta
- CDWg Part: 7407850



MANY PRINTERS ARE BACKORDERED. PLEASE CONTACT BIOLOGY IT, AND WE WILL HELP FIND A SUITABLE PRINTER TO YOUR NEEDS AND TIMELINE

P3 - HP Color LaserJet Enterprise 5700dn - \$1,012.77

- Recommended Use: Best for large offices, teaching or research labs
- Trays: 550-sheet input tray, 100-sheet multi-purpose tray
- Recommended Monthly Volume: 2000 - 10000 pages
- Max Speed: 45 pages per minute
- Toner: HP W2130A Black, W2133A Magenta, W2131A Cyan, W2132A Yellow
- CDWg Part: 7402689



P4 - Multifunction Color HP LaserJet M480f - \$919.77

- Recommended Use: Offices or labs requiring scan or copy
- Trays: 50-sheet multipurpose tray 1, 250-sheet input tray 2
- Scan: 1200 x 1200 dpi with automatic document feeder
- Recommended Monthly Volume: 750 - 4000 pages
- Max Speed: 29 pages per minute
- Toner: HP 414X Black, 414X Magenta, 414X Cyan, 414X Yellow
- CDWg Part: 6402113

