Innovation and Technology Solutions

Product Catalogue

September 2019

Index of content

- PC's (Windows)
- Monitors
- Laptops (Windows)
- Laptop Accessories
- Microsoft Surface
- Apple iMac’s
- Apple Macbooks
- Apple iPads
- IT Accessories
- Software
- IT Support Services information

Centrally Funded Device (CFD)

The Centrally Funded Device scheme eVouchers can be exchanged for Standard computer equipment marked with:

Please note for financial year 19/20 only the basic desktop computer, keyboard and mouse will be provided, an additional charge will be applicable on all monitors. Furthermore, the same will also apply to laptop vouchers whereby only the laptop, dock, case, keyboard and mouse will be provided, an additional charge will again be applicable for monitors.

For full details of the scheme visit: http://www.essex.ac.uk/it/services/purchasing/default.aspx

The prices in this catalogue are for guidance only and are subject to change at any time. All prices include VAT.

For up-to-date quotations contact its.purchasing@essex.ac.uk

Think before you print
Standard Desktop PC

Innovation and Technology Solutions offer a lightweight and compact specification PC from Stone. This ultra small PC is suitable to meet your specific requirements, including multiple connectivity, improved productivity and power management. Units are supplied from stock, of which estimated delivery by our Asset and Deployment team is 7 working days. As standard, all units come installed with Windows 10 Enterprise (64-bit) and Microsoft Office Pro Plus 2016 plus a range of additional software. For non-standard PC requests contact its.purchasing@essex.ac.uk

PC Specifications

- Asus Micro ATX Q370M-C Motherboard
- Dual DVI On-board Graphics
- Intel i5-8500 processor (3.00GHz) Quad Core
- 16GB RAM
- 256GB Solid State Drive (SSD)
- DVD Re-writer
- Keyboard & Mouse
- Plastic Foot Stand for USFF Case
- Dimensions (D x W x H) 335 x 325 x 90 mm
- All Desktop PC’s will now come with a headset and webcam (centrally funded)

Standard Installed Software

- MS Windows 10 Enterprise (64-bit)
- MS Office Pro Plus 2016 (Word, Excel, PowerPoint, Access, Outlook and Publisher)
- MS Project 2010 & SharePoint Designer 2007
- Sophos Anti-Virus Software
- Adobe Shockwave, Adobe Flash Player, Adobe Acrobat Reader
- PDF Creator (non- Adobe)

PC System Options

| PC System 1 - PC with no Monitor: (Default) | £688.91 |
| PC System 2 - PC with one 21.5” Widescreen Monitor: | £807.71 + £118.80 |
| PC System 3 - PC with two 21.5” Widescreen Monitors: | £926.51 + £237.60 |
| PC System 4 - PC with one 24” Widescreen Monitor: | £832.91 + £144.00 |

IT Support Services

There is no charge for desktop PC support on Standard Desktop PC equipment supplied by Innovation and Technology Solutions. Support services are automatically provided under the Centrally Funded Device (CFD). This service includes configuration, delivery, software & hardware support, together with service/fault logging via the IT Help Desk. Full details here

PLEASE NOTE MONITORS ARE NO LONGER HELD IN STOCK SO DELIVERY’S MAY TAKE AROUND 2 WEEKS

Monitors

Iiyama Prolite 21.5” Widescreen
Iiyama Prolite B2283HS
- 21.5 inch Widescreen LED-backlit monitor
- Full HD 1920 x 1080p
- Height Adjustable Stand

£118.80

Iiyama Prolite 24” Widescreen
Iiyama Prolite B2483HSU-B1DP
- 24 inch Widescreen LED-backlit monitor
- Full HD 1920 x 1080p
- Height Adjustable Stand

£144.00
Standard Laptops (Windows)

We offer two standard specification Toshiba Laptops that will be suitable for the majority of users; which come installed with Windows 10 Pro (64-bit) and Microsoft Office Pro Plus 2016 plus a range of additional software. The “DSE” labelled laptop options will be supplied Display Screen Equipment (DSE) compliant and come with a docking station, choice of monitor (Charged Separately), keyboard, mouse and carry case. For non-standard Laptop requests contact its.purchasing@essex.ac.uk

IT Laptop Support Services

There is no charge for laptop support on Standard Laptop equipment supplied by Innovation and Technology Solutions. Support services are automatically provided under the Centrally Funded Device (CFD). This service includes configuration, delivery, software & hardware support, together with service/fault logging via the IT Help Desk. Full details here

Toshiba Tecra A50

A business notebook through and through, weighing a manageable 2.2kg for a 15.6” laptop. A good choice if you are using this as your everyday computer where you need a good size screen combined with portability and long battery life.

Technical Specifications

- Intel i7 Processor
- 16GB RAM
- 256GB Solid State Drive
- 15.6” HD display
- FHD Web Camera
- DVD Super Multi Drive
- Bluetooth / Wi-Fi / Ethernet
- Size : 379 x 258 x 23.25 mm
- Weight : 2.2 kg
- Battery life : up to 8 hours
- View Manufacturers Spec
- View manufacturers full specs

Tecra A50 (Laptop & Case): £1094.10 or
Tecra A50 (Laptop, DSE & Case): £1,252.61 or
Tecra A50 (DSE & 24” Monitor): £1,396.61 or + £144.00
Tecra A50 (DSE with two 21.5” monitors): £1,490.21 or + £237.60

Slim appearance with premium-looking steel encasing the keyboard and lid.

Toshiba Portégé A30

Ultra-portable laptop model with 13.3” screen and weighing just 1.5kg. Being light and thin this laptop is ideal if portability and long battery life is the top priority.

Technical Specifications

- Intel i5 Processor
- 8GB RAM
- 256GB Solid State Drive
- 13.3” HD display
- FHD Web Camera
- DVD Drive
- Bluetooth / Wi-Fi / Ethernet
- Size : 316 x 229 x 18/22.4 mm
- Weight : 1.5 kg
- Battery life : up to 13 hours
- View manufacturers full specs

Portege A30 (Laptop & Case): £941.72 or
Portege A30 (Laptop, DSE & Case): £1,100.23 or
Portege A30 (DSE & 24” Monitor): £1,244.23 or + £144.00
Portege A30 (DSE with two 21.5” monitors): £1,338.83 or + £237.60
## Laptop Accessories

### Docking Systems

**Toshiba Hi-Speed Port Replicator III**

Docking system for the current range of Tecra and Portégé laptops. A simple solution for using external monitor(s), keyboard, mouse, printer, etc. It eliminates the need of connecting multiple cables every time you get back to your desk and powers/charges your laptop. No additional software is required.

£141.60  (Recommended)

**Toshiba Dynadock U3.0 - Black**

A Universal docking system for Toshiba and other brands of laptops. It allows the use of external monitor(s), keyboard, mouse, printer, etc. with just one single USB cable connection. Laptop external power is still required. Requires specific software to be installed for each laptop.

£118.79

### Laptop cases

For Laptops 13.3" to 14": £11.72

A modern toploading laptop carrying case made of polyester with foam protection. There are internal and external pockets allowing room for laptop accessories, documents, cables and leads. Supplied with carrying handles, with adjustable and detachable shoulder strap.

For Laptops 15.6": £20.10

Designed with simplicity in mind; there is storage for all those essential mobile accessories and a padded lining to protect your laptop. This clamshell laptop case is cost-effective and features a riveted handle and removable shoulder strap with cushioned pad for improved comfort when on the move.

### Accessories

**Combination Laptop Lock: £23.03**

A lockable security device which allows a compatible laptop to be anchored to a desk, table or fixed structure to prevent theft. A keyless 4-wheel combination is easily resettable and offers 10,000 possible combinations.

**Kensington Easy Riser: £12.67**

A laptop stand which is height adjustable so you can raise or lower the screen and tilt it at the ideal reading angle to reduce backaches, neck strain or eye strain. Requires an additional keyboard and mouse.

### Targus Backpacks

**For Laptops 15.6": £19.76**

- Removable Padded notebook compartment for screens up to 15-16".
- Hard Wearing nylon exterior with large zippers.
- Adjustable fasteners on each side of the backpack ensuring improved comfort.

### AC Adaptors / Replacement Batteries

We can obtain replacement AC Adaptors and replacement batteries for most Toshiba and other brands of laptops. For a price and availability please contact IT Purchasing with the laptop model number, serial number and our ‘M’ number if applicable.
Microsoft Surface Tablets & accessories

Microsoft Surface Pro 6

The Microsoft Surface Pro 6 stands out as an incredible laptop-tablet hybrid and offers powerful performance.

Technical Specifications
- Intel i5 8350U/1.7 GHz or Intel i7 8650U / 1.9GHz
- Memory 8GB or 16GB RAM
- Capacity: 256GB or 512GB SSD
- 12.3" HD display
- Integrated webcam
- Memory card Reader
- Bluetooth / Wi-Fi / Ethernet
- Size: 292 x 201 x 8.50 mm
- Weight: 0.78 Kg
- Battery Life: Up to 9 hours
- Extended 3 year Hardware Service Warranty

Surface Pro (i7, 16GB, 512GB): (£1,619.68)
Surface Pro (i5, 8GB, 256GB): (£1,147.26)

Microsoft Surface Pro Accessories

Microsoft Surface Pro Type Cover - Keyboard

Fully redesigned, the Surface Pro Type Cover is thinner and lighter than before with improved magnetic stability for lap use. It also has a mechanical keyboard with optimal key spacing for fast and fluid typing, plus an enlarged track pad for precision control and navigation.

£114.72
Colours available: Black (Currently only colour available)

Microsoft Surface Pen

The Ultimate modern writing experience with Surface Pen; includes Eraser, Accelerometer Gyroscopic Control System and Palm Block Technology.

£76.49
Colours available: Charcoal

Microsoft Surface Pro Dock

Turn your ultra portable Surface into a desktop PC and boost your productivity with Surface Dock.

£145.33
Compatible with all Surface Pro products.
Apple iMac’s, MacBook Pro & Macbook Air

We supply a range of Apple desktop and mobile solutions as well as accessories. Our basic standard models can be found below.

Please note Apple products are not fully integrated onto the campus domain and will not run UoE corporate software. All Mac desktops and laptops come with Microsoft Office for Mac.

Apple units supplied from our distributors stock have an estimated delivery of 7 working days; Apple units requiring Configure-to-Order (CTO) have an estimated delivery of 20 working days.

(Please note the machines suggested below are CTO Machines)

IT Mac Support Service
There is no charge for support on Apple desktops and laptops (not iPads) supplied by Innovation and Technology Solutions. Support services are automatically provided under the Centrally Funded Device (CFD). This service includes configuration, delivery, software & hardware support, together with service/fault logging via the IT Help Desk. Full details here

Apple iMac - 21.5” with Retina 4K Display (CTO)
Apple all-in-one Desktop computer with 21.5” monitor. Supplied with Wireless Mouse and Keyboard.

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Quad-Core 8th Gen Intel i3</td>
<td></td>
</tr>
<tr>
<td>• 16GB RAM</td>
<td></td>
</tr>
<tr>
<td>• 1TB SATA</td>
<td></td>
</tr>
<tr>
<td>• 21.5” HD display</td>
<td></td>
</tr>
<tr>
<td>• Radeon Pro 555X w/2GB GDDR5 Memory</td>
<td></td>
</tr>
<tr>
<td>• HD Webcam</td>
<td></td>
</tr>
<tr>
<td><strong>Apple iMac - 21.5”: (2000412949 )</strong></td>
<td><strong>£1,286.10</strong></td>
</tr>
<tr>
<td>Or £597.19 +</td>
<td></td>
</tr>
</tbody>
</table>

Apple iMac - 21.5” with 1TB Fusion Drive Upgrade: (2000412951): £1,367.10

Or £678.19 +

Apple iMac - 21.5” with Retina 4K Display (CTO)

Apple all-in-one Desktop computer with 21.5” monitor. Supplied with Wireless Mouse and Keyboard.

<table>
<thead>
<tr>
<th>Technical Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Six-Core 8th Gen Intel Core i5</td>
<td></td>
</tr>
<tr>
<td>• 16GB RAM</td>
<td></td>
</tr>
<tr>
<td>• 1TB Fusion Drive</td>
<td></td>
</tr>
<tr>
<td>• 21.5” HD display</td>
<td></td>
</tr>
<tr>
<td>• Radeon Pro 560X w/4GB of GDDR5 memory</td>
<td></td>
</tr>
<tr>
<td>• HD Webcam</td>
<td></td>
</tr>
<tr>
<td><strong>Apple iMac - 21.5”: (2000413161 )</strong></td>
<td><strong>£1,466.10</strong></td>
</tr>
<tr>
<td>or £777.19 +</td>
<td></td>
</tr>
</tbody>
</table>

Apple iMac - 21.5” with 256GB SSD: (2000413164 ) £1,547.10

or £858.19 +
### Apple iMac - 27” with Retina 5K Display (CTO)

Apple all-in-one Desktop computer with 27” monitor. Supplied with Wireless Mouse and Keyboard.

#### Technical Specifications
- Six-Core 8th Gen Intel Core i5
- 16GB RAM
- 1TB Fusion Drive
- 27” HD display
- Radeon Pro 570X w/4GB of GDDR5 memory
- HD Webcam
- Bluetooth / Wi-Fi / Ethernet
- Apple Magic Keyboard
- Apple Magic Mouse 2
- OS X 10.12 Sierra
- Size (w/h/d): 650 x 516 x 203mm
- Weight: 9.42Kg

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Voucher Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple iMac - 27”</td>
<td>£1,736.10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or £1,047.19 +</td>
<td></td>
</tr>
<tr>
<td>Apple iMac - 27” with 256GB SSD</td>
<td>£1,817.10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or £1,128.19 +</td>
<td></td>
</tr>
</tbody>
</table>

### Apple iMac - 27” with Retina 5K Display (CTO)

Apple all-in-one Desktop computer with 27” monitor. Supplied with Wireless Mouse and Keyboard.

#### Technical Specifications
- Eight-Core 9th Gen Intel Core i9
- 32GB RAM
- 2TB Fusion Drive
- 27” HD display
- Radeon Pro 580X w/8GB of GDDR5 memory
- HD Webcam
- Bluetooth / Wi-Fi / Ethernet
- Apple Magic Keyboard
- Apple Magic Mouse 2
- OS X 10.12 Sierra
- Size (w/h/d): 650 x 516 x 203mm
- Weight: 9.42Kg

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Voucher Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple iMac - 27”</td>
<td>£2,834.10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or £2,145.19 +</td>
<td></td>
</tr>
<tr>
<td>Apple iMac - 27” with 1TB SSD</td>
<td>£3,239.10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or £2,550.19 +</td>
<td></td>
</tr>
</tbody>
</table>
Apple MacBook Pro - 13” with Touch Bar and Touch ID

Technical Specifications
- Quad Core Intel i5
- 8GB RAM
- 256GB SSD Storage
- 13.3” HD Retina display
- Intel Iris graphics 655

HD Webcam
Bluetooth / Wi-Fi / Ethernet
OS X 10.12 Sierra
Size: 304 x 212 x 15mm
Weight 1.37Kg

Colours available: Space Grey (MV962B/A) Silver (MV992B/A)

Apple MacBook Pro - 13” Touch Bar: £1,459.00

£205.15 +

“Customisable fully interactive Multi-Touch Bar and the first MacBook Pro’s with Touch ID”

Apple MacBook Pro - 13” with Touch Bar and Touch ID

Technical Specifications
- Quad Core Intel i7
- 16GB RAM
- 256GB SSD Storage
- 13.3” HD Retina display
- Intel Iris graphics 655

HD Webcam
Bluetooth / Wi-Fi / Ethernet
OS X 10.12 Sierra
Size: 304 x 212 x 15mm
Weight 1.37Kg

Colours available: Space Grey (2000445055) Silver (2000445074)

Apple MacBook Pro - 13” Touch Bar: £1,754.10

£500.25 +

“Customisable fully interactive Multi-Touch Bar and the first MacBook Pro’s with Touch ID”

Apple MacBook Pro - 15” with Touch Bar and Touch ID

Technical Specifications
- 6-Core Intel i7
- 16GB RAM
- 256GB Flash Storage
- 15.4” HD Retina display
- Radeon Pro graphics 555X

HD Webcam
Bluetooth / Wi-Fi
OS X 10.12 Sierra
Size: 304 x 212 x 16mm
Weight 1.83Kg

Colours available: Space Grey (MV902B/A) Silver (MV922B/A)

Apple MacBook Pro - 15” Touch Bar: £1,945.60

£691.75 +
Apple MacBook Air (2019)
Apple ultra compact laptop with 13.3” Display

Technical Specifications
- Dual-Core Intel i5
- 8GB RAM
- 256GB Flash Storage
- 13.3” HD display
- Intel UHD Graphics 617
- HD Webcam
- Bluetooth / Wi-Fi
- OS X 10.12 Sierra
- Size: 13.3” : 325 x 227 x 3.17mm
- Weight: 13.3” : 1.35Kg

Colours available: Space Grey (MVFJ2B/A) Silver (MVFL2B/A) Gold (MVFN2B/A)

Apple MacBook Air - 13.3”: £1,052.71 or

Apple iPad (2018)
Apple tablet with 9.7” Retina Display

iPad (2018) Options:

Wi-Fi model
Capacity: 32GB or 128GB
Colour: Silver, Gold, or Space Grey*

*Space Grey has a black front bezel and the Silver and Gold have a white bezel.

Apple iPad (2018) Wi-Fi 32GB: £287.10
Apple iPad (2018) Wi-Fi 128GB: £368.10

PLEASE NOTE THESE ARE WIFI ONLY IPADS—PLEASE ENQUIRE WITH ITS.PURCHASING@ESSEX.AC.UK IF IPADS WITH CELLULAR FUNCTIONALITY ARE REQUIRED.

Apple iPad (2018) Accessories

MQ4L2ZM/A

The lightweight, durable Smart Cover protects your iPad screen without covering up its aluminium back. So your iPad still looks and feels like an iPad — just with a little extra protection.

iPad (2018) Smart Cover: £42.76

(920-009024)

No matter where you need to get your work done - a café table, a desk or even your lap - Slim Folio locks your tablet at an optimal angle for typing and holds firm on any surface.

Logitech Keyboard and Folio Case: £74.69
Apple iPad Air 3rd Gen (10.5 inch)

Apple tablet with 10.5” Retina display

iPad Air 10.5” Wi-Fi Options:

Capacity: 64GB & 256GB
Colour: Silver, Gold, or Space Grey
*Space Grey has a black front bezel and the Silver and Gold have a white bezel.

Apple iPad Air 10.5” Wi-Fi 64GB £419.13
Apple iPad Air 10.5” Wi-Fi 256GB £566.10

PLEASE NOTE THESE ARE WIFI ONLY IPADS—PLEASE ENQUIRE WITH ITS.PURCHASING@ESSEX.AC.UK IF IPADS WITH CELLULAR FUNCTIONALITY ARE REQUIRED.

Apple iPad Air 10.5” Accessories

iPad Air 10.5” Smart Cover
The lightweight, durable Smart Cover protects your iPad Pro screen without covering up its aluminium back. For total front-and-back coverage, you can pair it with an iPad Pro Silicone Case. A magnetic hinge aligns the Smart Cover with iPad Pro for a perfect fit and helps it stay put. Open the Smart Cover to wake iPad Pro. Close it and iPad Pro goes to sleep.

£52.25
Colours available: Charcoal Grey, White, pink sand & Papaya

iPad Air 10.5” keyboard Cover
The Smart Keyboard combines an array of new technologies and materials to create a keyboard like no other. It’s a full-size keyboard that’s fully portable, and connects to iPad Pro with the Smart Connector, an innovative new interface that allows for a two-way exchange of power and data. Just attach the Smart Keyboard and start typing. And when you’re done it folds together to create a slim, lightweight cover.

£151.06
Colours available: Charcoal Grey

iPad Pro Apple Pencil (1st Gen)
The Apple Pencil expands the power of iPad Pro and opens up new creative possibilities. It’s sensitive to pressure and tilt so you can easily vary line weight, create subtle shading, and produce a wide range of artistic effects — just like with a conventional pencil, but with pixel-perfect precision.

£84.55
Apple iPad Pro 11 inch

Apple tablet with 11" Retina display

iPad Pro 11" Wi-Fi Options:

Capacity: 64GB, 256GB & 512GB
Colour: Silver, Gold, or Space Grey
*Space Grey has a black front bezel and the Silver and Gold have a white bezel.

Apple iPad Pro 11" Wi-Fi 64GB £672.86
Apple iPad Pro 11" Wi-Fi 256GB £827.10
Apple iPad Pro 11" Wi-Fi 512GB £1,007.10

PLEASE NOTE THESE ARE WIFI ONLY IPADS—PLEASE ENQUIRE WITH ITS.PURCHASING@ESSEX.AC.UK IF IPADS WITH CELLULAR FUNCTIONALITY ARE REQUIRED.

Apple iPad Pro 11” Accessories

iPad Pro 11” Smart Cover
The lightweight, durable Smart Cover protects your iPad Pro screen without covering up its aluminium back. For total front-and-back coverage, you can pair it with an iPad Pro Silicone Case. A magnetic hinge aligns the Smart Cover with iPad Pro for a perfect fit and helps it stay put. Open the Smart Cover to wake iPad Pro. Close it and iPad Pro goes to sleep.
£80.75
Colours available: Charcoal Grey, White, pink sand

iPad Pro 11” keyboard Cover
The Smart Keyboard combines an array of new technologies and materials to create a keyboard like no other. It’s a full-size keyboard that’s fully portable, and connects to iPad Pro with the Smart Connector, an innovative new interface that allows for a two-way exchange of power and data. Just attach the Smart Keyboard and start typing. And when you’re done it folds together to create a slim, lightweight cover.
£170.05
Colours available: Charcoal Grey

iPad Pro Apple Pencil (2nd Gen)
The Apple Pencil expands the power of iPad Pro and opens up new creative possibilities. It’s sensitive to pressure and tilt so you can easily vary line weight, create subtle shading, and produce a wide range of artistic effects — just like with a conventional pencil, but with pixel-perfect precision.
£113.05
Apple iPad Pro 12.9 inch

Apple tablet with 12.9” Retina display

iPad Pro 12.9” Wi-Fi Options:

Capacity: 64GB, 256GB & 512GB
Colour: Silver, Gold, or Space Grey
*Space Grey has a black front bezel and the Silver and Gold have a white bezel.

<table>
<thead>
<tr>
<th>Apple iPad Pro 12.9” Wi-Fi Options</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>64GB</td>
<td>£847.87</td>
</tr>
<tr>
<td>256GB</td>
<td>£1,007.10</td>
</tr>
<tr>
<td>512GB</td>
<td>£1,187.10</td>
</tr>
</tbody>
</table>

PLEASE NOTE THESE ARE WIFI ONLY iPADS—PLEASE ENQUIRE WITH ITS.PURCHASING@ESSEX.AC.UK IF iPADS WITH CELLULAR FUNCTIONALITY ARE REQUIRED.

Apple iPad Pro 12.9” Accessories

iPad Pro 12.9” Smart Cover
The lightweight, durable Smart Cover protects your iPad Pro screen without covering up its aluminium back. For total front-and-back coverage, you can pair it with an iPad Pro Silicone Case. A magnetic hinge aligns the Smart Cover with iPad Pro for a perfect fit and helps it stay put. Open the Smart Cover to wake iPad Pro. Close it and iPad Pro goes to sleep.

£94.06
Colours available: Charcoal Grey, White

iPad Pro 12.9” keyboard Cover
The Smart Keyboard combines an array of new technologies and materials to create a keyboard like no other. It’s a full-size keyboard that’s fully portable, and connects to iPad Pro with the Smart Connector, an innovative new interface that allows for a two-way exchange of power and data. Just attach the Smart Keyboard and start typing. And when you’re done it folds together to create a slim, lightweight cover.

£189.05
Colours available: Charcoal Grey

iPad Pro Apple Pencil (2nd Gen)
The Apple Pencil expands the power of iPad Pro and opens up new creative possibilities. It’s sensitive to pressure and tilt so you can easily vary line weight, create subtle shading, and produce a wide range of artistic effects — just like with a conventional pencil, but with pixel-perfect precision.

£113.05
IT Accessories

Keyboards and Mice

Microsoft Keyboard
Our standard supplied wired keyboard.

Microsoft Optical Mouse
Our standard supplied wired mouse

£16.91

Microsoft Natural Ergonomic Keyboard
Expertly crafted to allow you to work in a more natural position. The new Gull Wing design features a 14-degree gable, a natural arc and a curved key bed.

£39.34

Wireless Mobile Mouse 3500
Compact wireless mouse. Ideal for use with laptops

Evoluent VerticalMouse 4 (Left)
The patented shape supports your left hand in an upright neutral posture that generally avoids forearm twisting.

£17.74

£80.58

Evoluent VerticalMouse 4 (Right)
The patented shape supports your right hand in an upright neutral posture that generally avoids forearm twisting.

£80.58

Speakers

Logitech Speakers Z120
- Compact Stereo speakers (1.2 watts)
- USB powered (no mains required)
- Dimensions: 110 x 80 x 90mm
- Windows & Mac Compatible

£12.16

Logitech Speakers Z130
- Desktop Stereo speakers (5 watts)
- Requires mains power supply
- Dimensions: 142 x 100 x 110mm
- Windows & Mac Compatible

£20.30

Headsets

Logitech PC Headset 960 USB
- Lightweight, over-the-head headset
- 960 USB cable connection

£18.56

Plantronics PC Headset (3.5mm Jack)
- Plantronics .Audio 326/3.5 mm stereo headphone/mic jack
- Noise-cancelling microphone boosts speech accuracy

£11.53

These headsets are designed for use with PCs only and are not compatible with telephones.

If telephone headsets are required, please direct your enquiry to telephones@essex.ac.uk
### Webcams

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logitech Webcam C170</td>
<td>- Plug-and-play setup, easy to use</td>
<td>£13.25</td>
</tr>
<tr>
<td></td>
<td>- VGA quality video calls</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Built-in mic with noise reduction</td>
<td></td>
</tr>
<tr>
<td>Logitech HD Webcam C270</td>
<td>- Plug-and-play setup, easy to use</td>
<td>£18.96</td>
</tr>
<tr>
<td></td>
<td>- HD 720p quality video calls</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Built-in mic with noise reduction</td>
<td></td>
</tr>
</tbody>
</table>

### Portable Hard Drives

#### Western Digital (WD) Elements

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>500GB</td>
<td>£39.04</td>
</tr>
<tr>
<td>1TB</td>
<td>£41.93</td>
</tr>
<tr>
<td>2TB</td>
<td>£58.25</td>
</tr>
<tr>
<td>3TB</td>
<td>£71.93</td>
</tr>
</tbody>
</table>

- Portable storage in 500GB, 1TB, 2TB or 3TB Capacities
- USB 3.0 and USB 2.0 compatibility
- Compact lightweight design: 111 x 82 x 15mm
- Windows & Mac compatible

### External DVD Drives

#### Portable DVD writer

- Portable DVD Reader/Writer for Laptops
- USB Bus Powered
- Supports DVDs+RW and CD.
- Windows / Mac Compatible

<table>
<thead>
<tr>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>£20.33</td>
</tr>
</tbody>
</table>

#### Apple USB SuperDrive

- Play and burn both CDs and DVDs
- USB 2.0 Powered
- Compact size: 139 x 139 x 17mm
- Mac Compatible

<table>
<thead>
<tr>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>£64.08</td>
</tr>
</tbody>
</table>

#### USB-C To USB 3.0 Adapter

- If you want to use an Apple Super Drive on a Macbook with a USB-C Drive you must also purchase one of these.

<table>
<thead>
<tr>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>£3.84</td>
</tr>
</tbody>
</table>

### Secure iStorage datAshur Device

- USB 3.0 Flash Drive
- Worlds most secure flash drive
- Pin code access
- Rechargeable battery

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4GB</td>
<td>£33.29</td>
</tr>
<tr>
<td>8GB</td>
<td>£43.18</td>
</tr>
<tr>
<td>16GB</td>
<td>£55.28</td>
</tr>
<tr>
<td>32GB</td>
<td>£63.62</td>
</tr>
</tbody>
</table>
Software

Adobe Acrobat Pro AOO 2017: **£92.92**
Software to view, create, edit, print and manage PDF files.

Adobe Photoshop Elements 15: **£32.11**
Easy to use photo and graphics editing software.

(Above Adobe licences are both perpetual meaning that there will only ever be a one off cost to these pieces of software)

Adobe Creative Cloud Named Licence: **£240.05**
Advanced photo and graphics editing software.
The following applications are available in this Suite:

- Adobe Photoshop
- Adobe Bridge
- Adobe Illustrator
- Adobe InDesign
- Adobe Premier Pro

Microsoft Visio Standard 2019: **£35.87**
Microsoft Visio Standard is a diagramming platform which helps to simplify complex information through simple, easy-to-understand diagrams. It includes stencils for business, basic network diagrams, organisation charts, basic flowcharts, and general multi-purpose diagrams.

Microsoft Visio Professional 2019: **£68.93**
Microsoft Visio Professional includes all of the functionality of Standard version as well as updated shapes, templates, and styles; enhanced support for team collaboration, including the ability for several people to work on a single diagram at the same time; and the ability to link diagrams to data.

Microsoft Visual Studio 2019: **£64.94**
Microsoft Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop computer programs for Microsoft Windows, as well as web sites, web apps, web services and mobile apps. Visual Studio uses Microsoft software development platforms such as Windows API, Windows Forms, Windows Presentation Foundation, Windows Store and Microsoft Silverlight. It can produce both native code and managed code.

(_above Microsoft licences are perpetual meaning that there will only ever be a one off cost to these pieces of software_)

PLEASE NOTE BOTH VISIO AND VISUAL STUDIO ARE NOT COMPATIBLE WITH APPLE IMAC’S OR MACBOOK’S.

For all other Software titles and pricing contact:
its.purchasing@essex.ac.uk
IT Support Services for IT Equipment

Scope

IT Support Services are offered free of charge on most PC/MAC systems, laptops and printers requested through the Innovation and Technology Solutions Service Catalogue. In exceptional circumstances IT Support Services may be available on other equipment by negotiation.

The Support Service covers:

- Initial commissioning of new equipment, including installation and configuration of hardware and Innovation and Technology Solutions pre-installed software (which includes the operating system and anti-virus software where appropriate).
- Installation and network connection at the user’s campus work place.
- Repair of faults to hardware and to Innovation and Technology Solutions installed software.
- Hardware and software upgrades.
- Equipment moves as part of office relocation.

The Support Service does not cover vandalism, theft or accidental damage.

Faulty equipment will be repaired or replaced at the discretion of Innovation and Technology Solutions. Where possible, a form of loan equipment will be provided if faulty equipment cannot be repaired quickly. Equipment sited off one of the main University campuses (where IT support is provided) must be returned to Innovation and Technology Solutions.

Users are responsible for the preservation and recovery of data files, and should take adequate precautions. Innovation and Technology Solutions cannot guarantee to recover lost data, though reasonable assistance will be given.

IT Support Services

There is no charge for desktop support for Innovation and Technology Solutions supplied IT equipment. Services are automatically provided for PCs and laptops less than 5 years old and Apple products less than 4 years old.

After four or five years, support will be undertaken only if spare parts for the equipment are still obtainable at economic cost and may be on the basis of reduced commitment to service targets.

If a piece of equipment becomes uneconomical to maintain because of unduly high increases in the prices of spare parts or if spare parts become unobtainable, Innovation and Technology Solutions reserves the right to withdraw support, even within the first three years after purchase.

Innovation and Technology Solutions may sub-contract support at its own discretion.

IT Helpdesk (Colchester Campus) Tel. 01206 87 2345

Please note that Requests should be logged via the IT Help Desk: it.helpdesk@essex.ac.uk. Each request should provide:

- Service contract number displayed on a silver sticker prefixed by a letter A=apple, M=laptop/mobile device, P=printer, S=PC.
- Equipment type if no silver sticker is evident.
- Location of equipment, name of user, contact telephone number and contact email address.
- A description of the request/fault - giving all relevant details.

If a request/fault is resolved or no longer needed before an engineer has made contact, the request should be cancelled via the IT Help Desk.

If you’re planning an office move and need to relocate staff computers, printers or telephones, requests should be made via the IT Help Desk, with full information being provided. Requests for upgrades which involve chargeable hardware or software must be made by email to the IT Help Desk, with a departmental cost code provided. Please ensure that you book in advance with the following notice periods:

1 to 2 people – 3 days notice
2 to 5 people – 5 days notice
5 or more people – 2 weeks notice

Email: it.helpdesk@essex.ac.uk

Telephone: +44 (0)1206 87 2345

Walk-in room: Silberrad Student Centre
Open Monday to Thursday 8.30am-6.00pm, Friday 8.30am-5.45pm

If the space you are moving to has not been refurbished then more power and data may be required. This will be managed by Estates Space Planning please contact 4323. This may delay your intended move date.

At busy times of the year during September, Christmas and Easter, there are a limited number of slots available so we recommend you book at least twice the recommended notice period. This is because we may need to contract in more staff if your preferred slot has already been booked.

When booking, please include the new location, the old location, and a preferred date and time for the move to happen.

Portable Appliance Testing (PAT)

Innovation and Technology Solutions are not responsible for the Portable Appliance Testing (PAT) of any relevant item supplied, whether on contract or not. See www.essex.ac.uk/ohsas/electricity for guidance on who is responsible for PAT and frequency of testing.