

All prices EXCLUDE VAT.

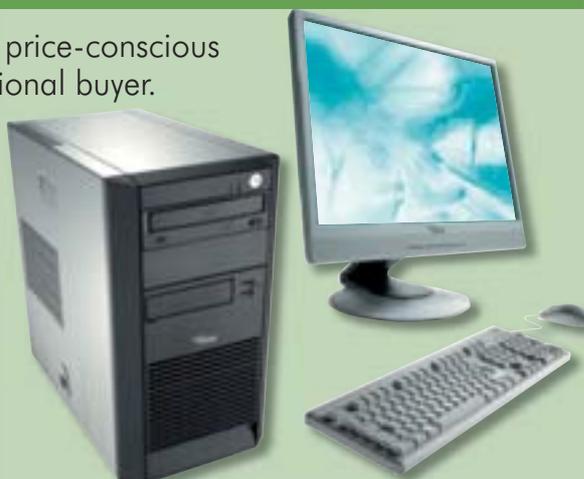
FUJITSU COMPUTERS
SIEMENS

Esprimo P2500

For the price-conscious professional buyer.



EXCLUDES MONITOR



- Intel Celeron D 3.2GHz
- 256MB RAM
- 80GB HDD
- DVD ROM drive
- 10/100 NIC
- Windows XP Pro

RANGE STARTS FROM
£336

ORDER CODE:
FUPCP050

£339

Cel 3.06GHz, 256MB, 80GB, DVD-ROM, XPP	£336.00	FUPCP044
P4 3.06GHz, 256MB, 80GB, DVD-ROM, XPP	£396.00	FUPCP045
P4 3.06GHz, 512MB, 80GB, DVD-ROM, XPP	£396.00	FUPCP051
P4 3.06GHz, 512MB, 80GB, Combo, XPP	£436.00	FUPCP048

.....Call Smart on 0114 2766655

Esprimo E2500



- Intel Celeron D 3.2GHz
- 256MB RAM
- 80GB HDD
- DVD ROM drive
- 10/100/1000 NIC
- Windows XP Pro



EXCLUDES MONITOR

RANGE STARTS FROM
£349

ORDER CODE:
FUPCE036

£349

Cel 3.06GHz, 256MB, 80GB, DVD-ROM, XPP	£349.00	FUPCE256
P4 3.06GHz, 512MB, 80GB, Combo, XPP	£425.00	FUPCE035
P4 3.06GHz, 512MB, 80GB, Combo, XPP	£425.00	FUPCE512

Esprimo P5600

EXCLUDES MONITOR



- AMD Athlon 3500 2.2GHz
- 512MB RAM
- 80GB HDD
- DVD/CDRW combo drive
- 10/100 NIC
- Windows XP Pro



ORDER CODE:
FUPCP999

£399

DUAL DISPLAY - Video Converter

DualHead2Go

Work across two screens for increased workspace and visibility. DualHead2Go takes the existing single monitor display output from your system and expands it into a dual display output at up to 2560 x 1024 resolution.



EX VAT **£99**
CODE: SD0G616



MICROSOFT - Office Basic 2003

FOR SALE ONLY WITH A FUJITSU SIEMENS PC.

The basic personal and business productivity solution. Works with Microsoft SharePoint Services and XML-support.

This edition includes Word 2003/Excel 2003/Outlook 2003.



EX VAT **£115**
CODE: FUOFFICE1



All prices EXCLUDE VAT.

Esprimo P2501

Competitive functionality and lowest total cost of ownership.



EXCLUDES MONITOR

- Intel Pentium 4 2.8GHz with Hyperthreading Technology
- 256MB RAM
- 80GB HDD
- DVD-ROM drive
- 10/100 NIC
- Windows XP Pro

RANGE STARTS FROM
£436

ORDER CODE:
FUPCP031

£436

P4 2.8GHz, 512MB, 80GB, Combo, XPP £486.00 FUPCP032

Esprimo P5905



EXCLUDES MONITOR

- Intel Pentium 4 3.2GHz
- 512MB RAM
- 80GB HDD
- DVD/CDRW combo drive
- 10/100/1000 NIC
- Windows XP Pro

RANGE STARTS FROM
£524

ORDER CODE:
FUPCP039

£561

P4 3GHz, 512MB, 80GB, DVD-ROM, XPP	£524.00	FUPCP038
Duo Core 2.8GHz, 512MB, 160GB, DVD-ROM, XPP	£579.00	FUPCP041
Duo Core 2.8GHz, 1GB, 160GB, Combo, XPP	£599.00	FUPCP042
P4 3.2GHz, 1GB, 160GB, DVDRW, XPP	£661.00	FUPCP040

LCD TFT Displays

RE17-3
17" Panel

- Black Panel
- 1280 x 1024 resolution
- 8ms Response Time



EX VAT £160
CODE: FUTFT26B

RE19-1
19" Panel

- Black Panel
- 1280 x 1024 resolution
- 8ms Response Time



EX VAT £206
CODE: FUTFT19C

MICROSOFT - Office SBE 2003

FOR SALE ONLY WITH A FUJITSU SIEMENS PC.

A personal and business productivity solution enabling improved tracking of business activities.

Includes Word 2003/ Excel 2003/Outlook 2003/ Business Contact Manager 2003/PowerPoint 2003/ Publisher 2003.



EX VAT £163
CODE: FUOFFICE

Microsoft

MICROSOFT - Office Pro 2003

FOR SALE ONLY WITH A FUJITSU SIEMENS PC.

Microsoft Office Professional Edition 2003 provides tools and technologies to help IT managers more easily deploy, administer, and maintain Microsoft Office systems, while empowering employees do their jobs more effectively.



EX VAT £203
CODE: FUOFFICE2

Microsoft

All prices EXCLUDE VAT.

.....Call Smart on 0114 276655

ThinkCentre®

E50 Small Desktop

- Intel Pentium 4 2.8GHz
- 256MB RAM
- 80GB HDD
- DVD-ROM drive
- 10/100 NIC
- Windows XP Pro

Proven technologies,
award-winning support
and data protection



ORDER CODE:
IMTSED3
£320

E50 Tower

Quality choice and affordability for business

- Intel Pentium 4 2.8GHz
- 512MB RAM
- 80GB HDD
- DVD/CDRW combo drive
- 10/100 NIC
- Windows XP Pro



EXCLUDES
MONITOR

RANGE STARTS FROM
£260

ORDER CODE:
IMTSE2B
£340

E50 C2.93GHz, 256MB, 80GB, DVD, XPP

£260.00 IMTSET1

ThinkVision Displays

L151
15" Panel

EX VAT **£110**
CODE: IMD923C



L171P
17" Panel

EX VAT **£140**
CODE: IMDL171P



L191
19" Panel

EX VAT **£210**
CODE: IMDL192P



MRI - Skype Phone

VoIP USB

This phone allows for free high quality Voice over IP calls to other Skype users and low cost calls to normal telephones.



Image for illustration purposes only

EX VAT **£25**
CODE: MRI062B



FRECOM - External HD

400GB 3.5" USB 2

The perfect storage upgrade for your computer.

- Pre formatted for instant use
- 480 Mbps transfer rate
- 9 ms average seek time



EX VAT **£120**
CODE: FCD219



All prices EXCLUDE VAT.

A51 Ultra Small Form Factor

Industry-leading technology and outstanding value

- Intel Celeron D 3.06 GHz
- 512MB RAM
- 80GB HDD drive
- DVD-ROM
- 10/100/1000 NIC
- Windows XP Pro



EXCLUDES MONITOR

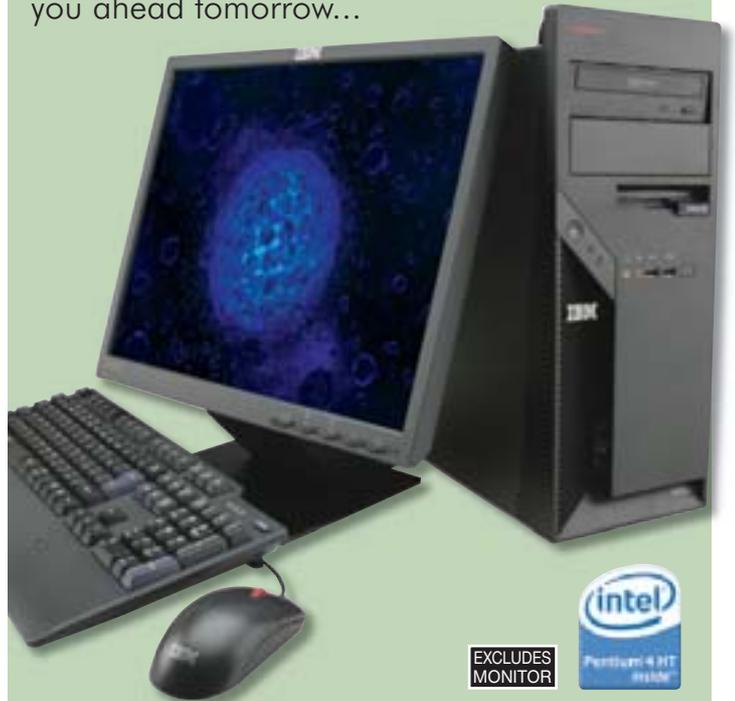
ORDER CODE: IMTSED2 **£360**

RANGE STARTS FROM **£360**

P4 2.8GHz, 512MB, 80GB, DVD-ROM, XPP £460.00 IMTSED4

ThinkCentre® A52 Tower

Packed with power and expandability to provide your business with the latest technology today and keep you ahead tomorrow...



EXCLUDES MONITOR

- Intel Pentium 4 3.2GHz with Hyperthreading technology
- 1024MB RAM
- 160GB HDD
- DVDRW drive
- 10/100/1000 NIC
- Windows XP Pro

ORDER CODE: IMTS047C **£570**

RANGE STARTS FROM **£420**

Duo Core 2.8GHz, 512MB, 80GB, DVD, XP Pro £420.00 IMTSET3
P4 3.4GHz, 512MB, 80GB, CMB, XP Pro £540.00 IMTSET4

A52 Small Form Factor

Affordable desktop powerhouse

- Intel Pentium 4 2.8GHz with Hyperthreading Technology
- 512MB RAM
- 80GB HDD
- DVD-ROM drive
- 10/100/1000 NIC
- Windows XP Pro



EXCLUDES MONITOR

ORDER CODE: IMTS0552A **£400**

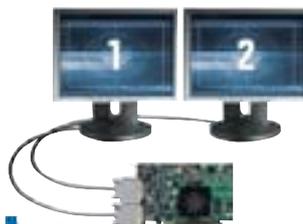
RANGE STARTS FROM **£360**

Cel 3.06GHz, 512MB, 80GB, CMB, XP Pro £360.00 IMTSED1

MATROX - Graphics Adapter

Millennium P650

With full DualHead support for using 2 digital or analogue monitors at a time and 128MB of graphics memory, this product is ideal for a wide-range of professional applications.



EX VAT **£199**
CODE: SD0G615

matrox

KONICA MINOLTA - Laser Printer

Magicolor 5430 DL

Get extreme speed and bold, high-impact color.

- 2400 x 600 dpi
- 250 sheet capacity
- 20 ppm colour/mono



EX VAT **£410**
CODE: LAMQ5430

KONICA MINOLTA

All prices EXCLUDE VAT.

lenovo

Call Smart on 0114 2766655

J100 Tower



- Intel Celeron D 346 2.93GHz
- 512MB RAM
- 80GB HDD
- DVD/CDRW combo drive
- 10/100 NIC
- Windows XP Home



ORDER CODE:
LEPCJT04

£299

Cel 3.2GHz, 512MB, 80GB, Combo, XP Home	£230.00	LEPCJ005B
P4, 512MB, 80GB, Combo, XP Pro	£350.00	LEPCJT05

J105 Tower

Lenovo 3000 J Series desktops are engineered specifically for small business professionals offering worry-free computing at great value.



- AMD Sempron 3100+ 1.8GHz
- 512MB RAM
- 80GB HDD
- DVD/CDRW combo drive
- 10/100 NIC
- Windows XP Pro



ORDER CODE:
LEPCJT01

£280

J100 Small Form Factor



- Intel Pentium 4 2.8GHz
- 512MB RAM
- 80GB HDD
- DVD/CDRW combo drive
- 10/100 NIC
- Windows XP Pro



EXCLUDES
MONITOR

ORDER CODE:
LEPCJ002A

£330

TFT Displays

L171
17" Panel

EX VAT £130
CODE: IMDLEN17A

- Black Panel
- 1280 x 1024 resolution
- 8ms Response Time



DICOTA - USB to USB Connection

Direct Connect Adapter

- Transfer data between two PCs
- Plug and Play feature
- Small and light
- Quick and simple to operate



EX VAT £12
CODE: DIC097



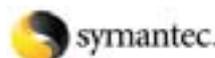
NORTON - AntiVirus 2006

V12.0

Stay protected with the world's most trusted antivirus software. Whether surfing or chatting, emailing or file swapping, Norton AntiVirus 2006 wards off a host of Internet threats by automatically detecting and removing viruses and ridding your computer of unwanted spyware.



EX VAT £36
CODE: SYAV360



All prices **EXCLUDE VAT.**

Veriton 6800DC

Excellent security software and a new design, the Veriton 6800 desktop PCs will not only guarantee performance optimisation, but also help to increase workplace efficiency and productivity

- Intel Pentium D 2.8GHz (Dual Core)
- 512MB RAM
- 80GB HDD
- DVD-ROM drive
- 10/100/1000 NIC
- Windows XP Pro

1 year on-site WARRANTY



EXCLUDES MONITOR



ORDER CODE:
ACPC786

£639

Aspire L200 Media Centre

The ground-breaking Acer Aspire L200 is a powerful and stylish entertainment system for all the family.

Thanks to Microsoft Windows XP Media Center 2005 you can now enjoy all-in-one digital entertainment at the click of a button: **Download and listen to music**; **watch videos**; **Burn and play DVDs**; watch "Freeview" digital TV. **pause & record live TV**; **organise your digital photos**, and much, much more - all with a single remote control from the comfort of your sofa!



- AMD Athlon 64 Processor, ATI RS480 chipset with Cool and Quiet AMD technology
- 512MB RAM
- 160GB HDD
- Hybrid Analog TV Tuner
- Slot in DVDRW drive
- 5.1 surround sound
- Integrated wireless 802.11b/g
- Windows XP Media Center Edition 2005
- Includes Wireless Keyboard with built-in pointing device and Remote Control



£699

LEXMARK - X3350

Multifunction Inkjet Printer

- 48 bit Scanner for vivid colour and detail
- 4800 x 1200 dpi
- Print directly from Digital Camera
- Fast printing times



EX VAT **£70**
CODE: IJLX3350

LEXMARK

LIGHTSCRIBE - Classic DVDRW Drive

USB2 DVDRW With Lightscribe Technology

- Multitalented external drive supports all disc types
- Supports LightScribe label burning on special LightScribe CD-R and DVD+R media.
- Latest generation writes to DVD+R, DVD+RW, DVD-RW and DVD-R recordable discs.



EX VAT **£100**
CODE: FCD192

FREECOM

Improved Wireless Networking...



by
Rick Maybury
The Daily Telegraph

Don't let the glossy ads fool you! For every one of those happy smiling laptop users casually surfing the web using wireless 'hotspots' in airports and hotels there's a couple of poor saps tearing their hair out desperately trying to get a connection. The fact that I'm almost bald might tell you something about my own experiences...

To be fair it's getting a lot easier to go online when you are on the move. In the early days of mobile computing (late 80s, early 1990s) I would not dream of leaving home without a small set of tools (to dismantle hotel bedroom phone junction boxes etc.), a selection of modem and network adaptor cards plus a bag full of plugs and cables.

As recently as four or five years ago, when Wi-Fi first started to take off, getting any sort of connection on a Wi-Fi Access Point was a minor miracle. Since then the hardware and software has improved in leaps and bounds, and Windows XP has made things a lot simpler too but it can still be a frustrating business so here's a few tips to help make life on the road a little easier. Next week we'll be delving into the murky world of wireless and network configuration for travellers.

If you really need to stay in contact when you are out and about you cannot rely on Wi-Fi alone. Get to know the dial-up modem inside your laptop and set up a connection before you leave. If you subscribe to a major ISP like AOL or CompuServe etc., find out the local dial-up numbers for the area you are visiting and store them in a file on your PC before you go. If you can connect your PC to your mobile phone learn how to set up a mobile data connection and test it out, just in case.

Although we are now (supposedly) living in the wireless age do not forget the cables. You will need a standard telephone modem cable, preferably one with the US 'RJ11' type plugs on both ends, to connect your laptop to hotel and motel phones with dial-up data ports.



If you are travelling within the UK take a phone/modem with a BT plug on one end, or just use a single RJ11 cable with a US to BT plug adaptor. These are readily available from your Solution Point supplier.

Out in the sticks - particularly in the US - some hotels and motels provide fast Internet and broadband access via a network connection, so make sure you take a 'straight' RJ45 Ethernet cable with you. I suggest getting one that's at least three metres long, preferably longer as hotel room network ports are invariably in an inaccessible location and it's rather satisfying to be able to use your laptop from the comfort of your bed.

Network cables can be quite bulky but you can get retractable ones that spool up neatly inside a small box about the size of a bar of soap. Lastly, don't forget to pack a USB extension cable and a small four-way hub. You will need this to connect your PC to all of your other gadgets (MP3 player, digital camera, digital camcorder, flash drive and so on), particularly if your laptop is an older or more basic model with only one or two on-board USB ports.



Laptops and pretty well all electronic devices can pass safely through most airport X-Ray scanners. If you are worried you can always ask for a hand search, though don't expect too many favours from airport security, especially at busy times. It's a good idea to keep a copy of any irreplaceable data about your person on a flash drive; small plastic bodied types normally pass through metal detector portals without setting off the alarm.

JARGON FILTER

ACCESS POINT

Wi-Fi transceiver that allows wireless equipped laptops and PCs to connect to the Internet through a network

EMPOWER

Purpose-designed power socket for use in commercial aircraft, nominal 12 volts DC supply.

All prices EXCLUDE VAT.

USB2 4 Port Hub

- Compact size with full plug & play compatibility



order code:
TAR438

£20

Mission Carry Case

- Other colours available

DICOTA



order code:
DIC018

£48

70W AC/DC Notebook Auto/Air Power Adapter

- Acer, Apple, Compaq, Dell, Fujitsu-Siemens, Gateway, HP, IBM, Panasonic, Sony and Toshiba



- Eliminates the need to carry around the large "brick" like adapter

- Tips: 2, 3A, 4A, 5, 6A, 8, 9, 11A, 12A, 14, 15, included



order code:
TAR564

£80

RF



Even the best laptops can only manage 3 to 4 hours running time so power on the move can be a problem, particularly on long-haul flights. Some airlines have begun to fit power sockets in seat armrests, though usually only on Club or Business class seats and occasionally a few rows in Economy.

There is supposedly a standard 'EmPower' seat connector but I have come across at least two other types of socket (12 volts from a car cigarette lighter type socket and 110 volts AC from a 2 pin socket), which means taking even more cables and adaptors with you.

There's normally no way of knowing beforehand what sockets, if any, will be available, though there is a fairly comprehensive list of airlines known to have in-seat power ports on the Platypus Computing website. I take no chances and carry a spare high capacity battery pack

and always take advantage of main power sockets in departure lounges and at the gate for a quick top-up charge.

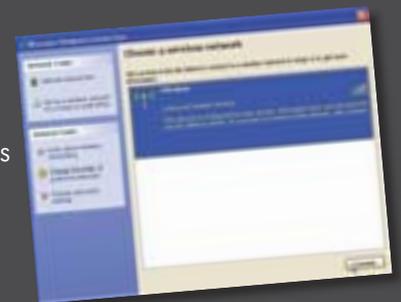
Windows XP and Wi-Fi are the best things to have happened to mobile computing in a very long time but even with the latest kit connecting a laptop to the Internet when you are on the road can be a challenge.

The first hurdle is to find an Access Point. For the purposes of this article that means a public Wi-Fi 'Hotspot' but it could just as easily be a telephone or network socket in your hotel room or office or even a data connection with a mobile phone.

Most Hotspots, in airports, hotels and cafés are well signposted but don't leave it until the last minute to find one. Check the locations you will be visiting before you leave - see this week's Top Tip (page 23).

Even when you find one you can't rely on there being someone who knows what they are talking about on hand to help out if you have problem, so get to know your PC's wireless configuration program before you leave.

On Windows XP laptops with Wi-Fi built-in it's usually pre-installed though some models rely on the XP Wireless Network Connection utility, which is generally reliable and easy to use.



**>> CONTINUED ON
PAGE 22**

RJ11 & RJ45

Plug and socket standards, RJ11 is the small 4/6 pin connected used on telephones and modems, RJ45 is the slightly larger 8 pin connector used for cabled Ethernet network connections

DONGLE

Any small device that plugs into a PC's USB port but originally a type of electronic key for unlocking a program that 'dangled' on the end of short wire.

SSID

Service Set Identifier - code attached to wireless data that acts as a password and prevents interference and interception from other nearby networks.

WEP

Wired Equivalent Privacy; family of encryption systems used to secure data on wireless networks, theoretically providing the same level of security as a cabled network connection.

CONTINUED >>

Improved Wireless Networking

by Rick Maybury *The Daily Telegraph*

Laptops with plug-in adaptors (PC cards or USB 'dongles' etc.) come with their own configuration program. If you've used yours successfully, fine, but they can conflict with the Windows Wi-Fi software.

If you've had problems make sure there are no programs left over from Wi-Fi adaptors you no longer use and try disabling any third-party configuration programs. They normally show up on the Startup list (type 'msconfig' in Run on the Start menu); uncheck and reboot and this will force XP to manage the connection.

To open the Windows XP wireless configuration utility (and most other programs) double-click (or right-click) the wireless connection icon that appears in the System Tray, next to the clock.

The main item of interest is the 'Survey', 'Monitor' or 'View Networks' window, which displays the name or SSID of the wireless networks in the area, showing signal strength and whether or not they are encrypted.

If you have been using your laptop with an encrypted or 'WEP' enabled network save time and switch it off before you leave. If left on it may prevent your PC from making a connection. You should find this on one of the configuration utility's tabs. If you are using the Windows XP utility, from the View/Choose Wireless Network window click 'Change Advanced Setting', select the 'Wireless Networks' tab, highlight the connection, click Properties, select the Association tab and choose 'Disabled' from the Data Encryption drop-down menu. You should familiarise yourself with this procedure as some Hotspots use WEP encryption and you may be required to enter a new code.

Unfortunately many Hotspots do not have a resident expert on duty and it's not unknown for the system to have crashed, or been switched off, without the staff knowing anything about it, or how to rectify the problem. One quick and simple way to check if a wireless access point is operational, without booting up your PC, is to use a gadget called a Wi-Fi 'Finder'. These are key ring-sized Wi-Fi receivers and basic models sell for around £50 so buy one before you go.

Wi-Fi Finders usually have a row of LEDs that light up when you are in range of a Wi-Fi signal. The number of lights gives a relative indication of signal strength, but be warned; some cheap Wi-Fi finders can give misleading readings as they may pick up transmissions from other wireless devices in the vicinity. Upmarket models tend to be more discriminating; some of them have an LCD that shows the name of the Hotspot, whether or not the link is encrypted and the channels being used.



Wi-Fi Finder by Zyxel
£51 (ZYNW043A)

Here's one last tip for before you set out. Windows occasionally locks onto and won't release a previous network setting. Windows 98 had an excellent little tool for resetting a troublesome network configuration, called 'winipcfg'. For some reason this was dropped from XP but you can download the Windows 2000 version, called Wntipcfg, which works with XP, from Microsoft. The download page has details of how to use it.

Having found your Hotspot and established that is working, check the instructions to see if there are any special steps you need to take before you can log on. Boot up your PC and using your preferred wireless configuration utility attempt to make a connection.

You can tell straight away if it is working by opening a browser window. You'll either see your home page, or the Hotspot's logon page.

If it doesn't work there are a number of things you can try but first try rebooting Windows. You would be surprised how often XP will suddenly decide to allow a connection after the second or third reboot. If that doesn't work try switching off your Firewall and/or antivirus program if it has Internet monitoring facilities. Still no luck? If the configuration utility is showing good signal strength but no connection double-check that you have disabled WEP encryption. Try also the Wntipcfg tool to release and renew your Wi-Fi adaptor's IP address. Failing that there's always the Hotspot's own helpline, and I have to say that on the occasions I have used them, they have proved to be genuinely helpful.



TOP TIP

There are two schools of thought about the type of bag or container you should use to transport your laptop.

Purpose-designed bags undoubtedly offer the best protection but they draw attention to the fact that you are carrying an expensive and therefore very pinchable piece of luggage. I prefer the 'dress down' approach and carry my small laptop in a thinly padded slip-case that lives inside an aircraft cabin-friendly pull-along holdall, with books and other soft items providing layers of secondary padding.

Needless to say never allow your laptop to go into the hold, you may not see it again, and if you do there's a fair chance it will be in several pieces.

The best place to look for Wi-Fi hotspots is on the web and several sites, including wififreespot and free-hotspot specialise in places that offer free or very low cost connections (you may have to buy something to get the free time).

Otherwise try myhotspots for a comprehensive list of UK hotspots, and wi-fihotspotlist and jwire for worldwide directories.

Wireless Accessories

Wireless-G Travel Router with SpeedBooster

Carry a wireless network wherever you go...

- Create temporary, personal, wireless access in your hotel room or a coffee shop hotspot
- High security: Wi-Fi Protected Access (WPA), wireless MAC address filtering, powerful SPI firewall



125Mbps Wireless Router with a FREE Adapter

- Easy to use and install, all-in-one ADSL gateway for Home and SOHO applications
- IEEE802.11g wireless connectivity
- 4 x 10/100 ADSL Router
- Wireless g+ SuperSpeed Technology

WITH FREE Wireless PCMCIA
order code: ZYNWR007

WITH FREE Wireless USB
order code: ZYNWR009

WITH FREE Wireless PCI
order code: ZYNWR010

ZyXEL

FOR ONLY £69

Taking Your Data With You...

512MB DataTraveller II with MIGO software



Award winning Migo software lets users make any computer appear as their own

order code: KUSB306

£40

1GB DataTraveller II + Migo £71.00 KUSB307
2GB DataTraveller II + Migo £114.00 KUSB308

ToughDrive XXS 1" USB2 6GB Micro Hard Drive

FREECOM

- Durable, soft silicon cover
- Internal anti-shock protection
- Integrated USB cable



ToughDrive Pro 2.5" 40GB Portable Hard Drive

FREECOM

Mobile hard drive with Anti-Shock protection USB 2.0, buspowered, Win & Mac.

order code: FCD157

£75

ToughDrive Pro 2.5" 80GB £105.00 FCD158
ToughDrive Pro 2.5" 100GB £145.00 FCD159
ToughDrive Pro 2.5" 120GB £170.00 FCD160

Entertainment On The Move

DVB-T & Analog TV Hybrid USB Stick

FREECOM

Watch and record Digital & Analog TV on your desktop or notebook. It's free!

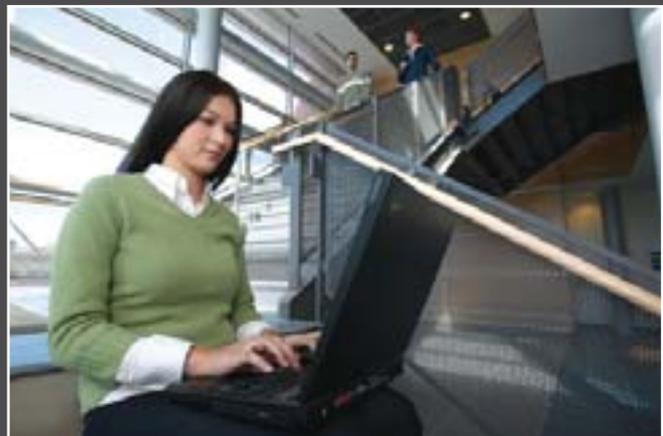
order code: FCD210

£70

- Fully resizable TV, up to full screen.
- Detachable DVB-T antenna for the best transmission.



DVB-T USB TV Stick £60.00 FCD144
DVB-T PCMCIA Card £60.00 FCD209



SMC®
Networks

ZyXEL

SEE OUR NETWORKING SECTION FOR MORE WIRELESS PRODUCTS OR TALK TO YOUR SOLUTION POINT RESELLER ABOUT YOUR REQUIREMENTS