

mini**NET** PC  
Systems UK Limited



Go **Green** in ICT, with mini**NET** PC...

•What are we selling? .....	page 1
•A multi award winning system... ..	page 2
•What is the miniNET PC system? .....	page 3
•How does SoftXpand work with miniNET PC? .....	page 4
•What are the financial benefits? .....	page 5
•Cost savings... ..	page 5
•Energy savings and benefits for the environment... ..	page 6
•More benefits to the miniNET PC system... ..	page 7
•Accessories we offer for your system... ..	page 8
•Who are miniNET PC? .....	page 9
•A case study of the installation at Oriel College... ..	page 10 - 11
•Notes... ..	page 12





## ⚙️ What are we selling?

Running on the industry standard **Windows XP Pro**, the SoftXpand software with our miniNET PC allows up to **SIX** separate users per **SINGLE** computer!

All modern PC's under utilise their processing power, by simply adding **three dual port high performance graphics cards** and the simple to use SoftXpand software, a single miniNET PC can support up to **6 users simultaneously**.



## Purchase our complete miniNET PC system

This would incorporate the miniNET PC base unit, complete with 6 work-stations including all peripherals, LCD screens and the SoftXpand software. We can offer **full support, advice and installation**.

## or Customise your system

Maybe you already have LCD screens and peripherals or a high end PC with multiple graphics cards, this is fine we will be happy to **tailor a solution** to your requirements.

# Six work-stations from one PC!



## ⚙️ A multi award winning system...

Do not just take our word for it, The Green Organisation recently awarded the system their prestigious 'Green Apple Award' for **environmental qualities - the ultimate green PC**. Rolls Royce bestowed it the 'Innovation through Technology' award and the Cabinet Office has requested a system trial run. These are among a number of National awards received...

- Green Apple Award - Winner 2008
- Rolls Royce - Innovation Through Technology Award
- PC Plus - Performance Award

The list just keeps growing...

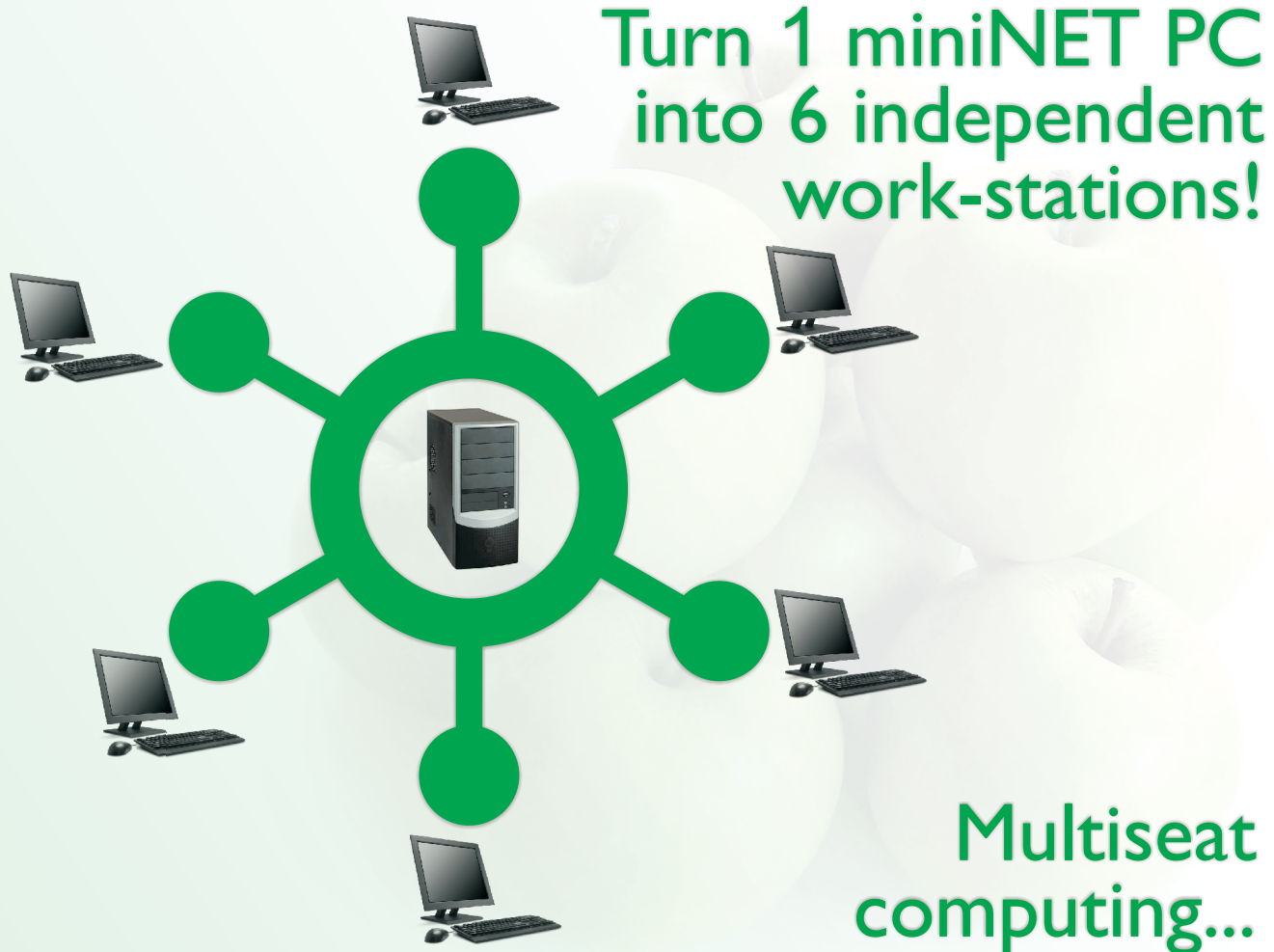


# Don't just take our word for it...



## What is the miniNET PC system?

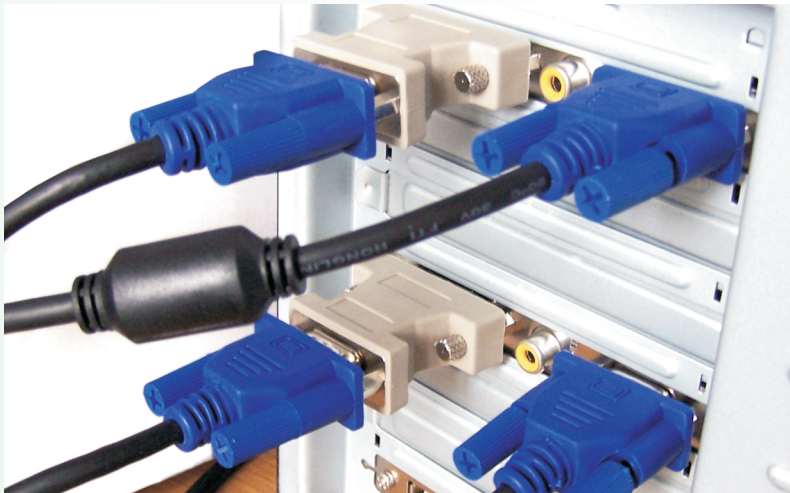
Using the SoftXpand software solution, this turns 1 miniNET PC into 6 fully independent computer work-stations. Multiple sets of work-stations consisting of a monitor, keyboard and mouse are connected to one PC. SoftXpand runs on Windows XP Pro and functions in exactly the same manner as a standard PC. The user experience is the same as with a good Windows XP Pro PC. With our miniNET PC system you may all run applications including graphic and multimedia programs, integrated learning systems and curriculum-oriented software. Teachers and students may also share documents and monitor students' screens, without the need to implement an expensive server.





## ⚙️ How does SoftXpand work with a miniNET PC?

Multiple sets of work-stations consisting of a monitor, keyboard and mouse are all connected to our single miniNET PC. The monitors are connected through **high end video cards**, keyboards and mice are connected via USB hubs.



SoftXpand's proprietary resource sharing software allows the **full utilisation of a PC's power** and cleverly allocates its resources amongst the work-stations.

For a six work-station solution, three modern high end video cards are used in our system, which are each equipped with a **powerful GPU** (Graphics Processing Unit) and plenty of video memory. SoftXpand uses the power and automatically balances it among the work-stations according to the needs of the applications that are running.

You could very easily create a classroom network of **30 work-stations with only 5 miniNET PC's!** By connecting these miniNET PC's (clusters) together, teachers and students can share documents and monitor each others screens without the need of implementing an expensive server.



# With just 5 miniNET PC's have 30 independent work-stations!





## ⚙️ What are the financial benefits?

- Save money!
- Save energy!
- Save the planet!



The miniNET PC system working with SoftXpand **saves you over 40% in capital outlay**, and up to **70% saving in annual energy costs** against a similar conventional ICT suite. A 30 pupil IT network can cost as little as £10 000 including LCD screens, mice, keyboards, headphones etc. The construction of our PC and peripherals are **designed for maximum recyclability**. Start saving NOW!

## ⚙️ Cost savings...

### Save over 40% in capital outlay & 70% in ongoing costs

Instead of purchasing 6 complete PC systems, you need only **purchase 1 miniNET PC for up to 6 users**.

### Network savings

Work-stations are connected in what we call a cluster, which is a group of work-stations connected to the miniNET PC host PC. By connecting miniNET PC clusters together you can **create a network of 30 work-stations with only 5 PC's**. Fewer network switches, cables and ports would need to be implemented as well.

### Save money on software licenses

Subject to manufacturer licensing terms, **you may only need to buy one set of software for the host miniNET PC**, which can then be used on all work-stations in a cluster.

### Electricity cost savings

Since 6 work-stations share only one PC's power supply - the most energy hungry part in a PC, our miniNET PC system is a great way to **reduce the ICT electricity bill by over 70%**.



## ⚙️ Energy savings and benefits for the environment...

### Less electricity consumption

A single miniNET PC system will use up to **70% less electricity than six separate machines!** This greatly reduces your electricity consumption and carbon footprint. This table shows the benefit of using 5 of our miniNET PC's to provide 30 work-stations, rather than 30 separate machines in an average classroom, being used 8 hours per day...

	30 Standard PC's	30 miniNET Workstations
Electricity (kW/year)	9725	1990
Produced CO <sup>2</sup> (lbs/year)	30000	6000
Cost (£/year at 10p/kW)	£972.50	£199.90

### Less heat

A single miniNET PC will produce around **a sixth of the heat** of six separate machines, much better for the environment, meaning you won't have to turn the air conditioning on as often.

### Less waste

When it does come round to the time to upgrade then only one PC will have to be replaced instead of six.



# Save your planet!





## ⚙️ More benefits to the miniNET PC system...

### Maintenance time

You only need to maintain each miniNET PC host computer; this means you would only need to look after 5 hosts in an average class size of 30 work-stations, **excellent for schools that have a limited amount of IT support staff**. Just think how quickly you could install updates or deploy new applications...

### Logistics

In the original set-up considerably less hardware would need to be transported.

### Risk of theft reduced

Only 5 PC systems would need to be secured in an average classroom rather than 30!

### Features for teachers

Teachers are able to **monitor all the students** in the classroom without the need to disturb them with the console viewer. You could even access your work-station remotely from home without interfering with the students' work.

### Space

Far **less space is taken up** with our miniNET PC systems, so the lack of clutter and increased space will add to the general ambience in the classroom.



## Benefits upon benefits...



## ⚙ Accessories we offer for your system...

You may already have peripherals and accessories, if you feel they are tired or just want to go with a complete new system we offer a complete range of **excellent products designed for use in education...**

### Keyboards



#### KeyMonster Keyboard

Keyboard with large 2 inch keys, separated into coloured key groups. Available in upper and lowercase with a two port USB hub.



#### KeyMonster High-Vis Keyboard

This keyboard has large 2 inch bright yellow easy read keys Available in upper and lowercase with a two port USB hub.



#### KeyMonster White Keyboard

Keyboard with large 2 inch white easy read keys, Available in upper and lowercase with a two port USB hub for your peripherals.



#### 260 High-Vis Keyboard

This keyboard has bright yellow high visibility key legends, excellent for readability and people with vision restrictions.



#### 260 Hub Professional Keyboard

Full keyboard with a 2 port USB2.0 hub in the rear, excellent for use with USB flash memory. This keyboard has a patented one touch Euro key.



#### 260 Professional Keyboard

Full size professional typing keyboard with a patented one touch Euro key. Available in many language layouts, colours, interfaces and lowercase.

### Mice



#### Junior Mouse

Just right for little hands to grasp, at about half the size of a regular mouse. With coloured buttons and an anti-bacterial coating this mouse is perfect for junior schools.



#### 3331 Mouse

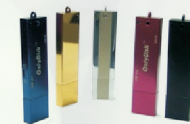
Full size professional mouse to match your choice of keyboard. Available in Black or off-white chassis.

### Extra's



#### Headset

Wrap around headset for multimedia applications, with a top quality swivel mic and earpieces.



#### U220 Flash Memory

With 2 to 8Gb of space, non-corruptable memory and password protection this is the ideal 'folder' for your students documents.

# Customise your system...



## Who are miniNET PC?

Our parent company Ceratech Electronics have been supplying the needs of the Educational IT industry for **more than 25 years**, so there is a good chance that you are already using one of their products. During this period they can count Dell, Fujitsu, Compaq, Hewlett Packard, RM, Viglen, Stone, NEC, Toshiba and many other house-hold names within their customer base. **Located in East Hants** we are ideally situated for supply, installation and support of your IT needs.

Why not give us a call to find out more, or visit our demonstration room in Alton. Alternatively, perhaps we could arrange to visit you and set up a demonstration system.



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Systems UK Limited

Call one of our consultants on  
**01420 84521** for a demonstration...





## ⚙️ A case study of the installation at Oriel College...

The SoftXpand system deployment written by Mark Woolner, Network Manager at Oriel College.

### The team

“Oriel Specialist Mathematics and Computing College is a forward thinking dynamic secondary learning establishment which benefits from a positive leadership team focused on delivering “Excellence in Learning” with an “Every Child Matters” attitude.”

### The challenge

“When I first started back in November 2007, I saw the all too familiar 25 – 30 beige boxes, crammed into a room, with a mismatch of CRT monitors perched on-top of the PCs to allow just enough room for an almost complete QWERTY keyboard and ‘rugby balled’ ball mouse. With each station pumping out around 1kW of heat, the central heating was surplus to requirements.”



### Playing catch up

“I first worked at the school for 2 days a week, which meant I was always playing catch-up with a lot of time spent investigating faults caused by students either “sticking things IN” (pens, paper, sandwiches) or “taking things OUT” (network, monitor & power cables along with CD drive belts). The network would often be taken down because a student, unable to see through the spaghetti junction of wiring, had inadvertently caused a loop back by plugging a network cable into two network points!”

## System deployment...



## ⚙️ A case study of the installation at Oriel College...

### The eureka moment!

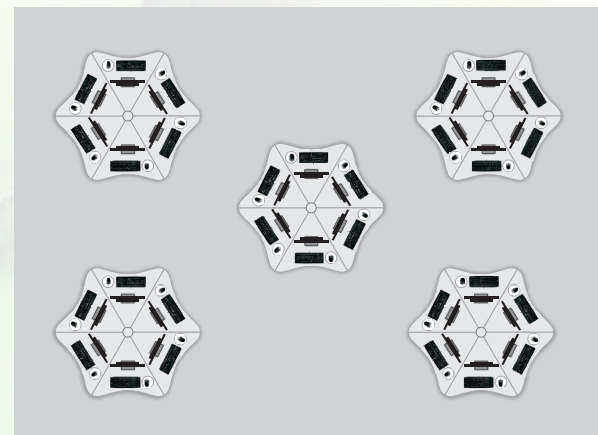
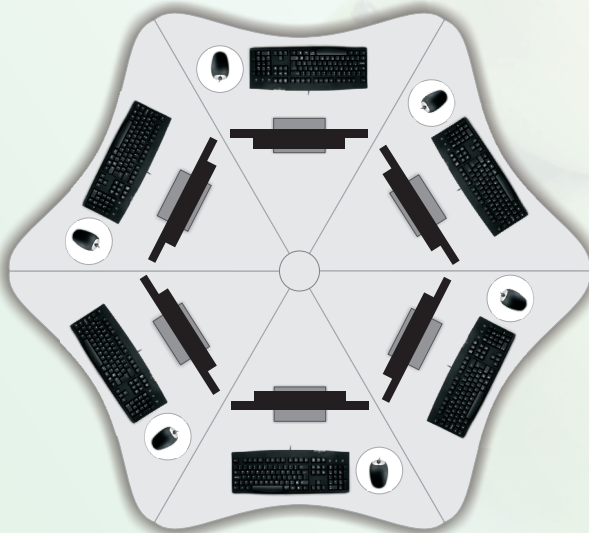
"When I first saw MiniFrameUK's stand at the BETT show in January I immediately thought of how this could **reduce the number of "things" students could "stick IN" and "take OUT"** of my stressed PCs; they would only have a keyboard, monitor, and mouse to mess with. What's more a number of the **other issues also seemed to be addressed by the system**, more desk space, less wires, less heat....."

### Where we are now

"We have just installed our **44th 6 user system** as well as 5 x 4 user systems and 1 x 8 system in the library. This gives us **292 individual student workstations** with the last two ICT suites getting bespoke tables."

### Summary

"Oriel Specialist Mathematics and Computing College is proud to be one of the first High schools to commit to using SoftXpand and embracing Multiseat computing in its mainstream delivery of IT. **We've achieved all of our IT goals with the system and have one of the leading ICT provisions in the area**"



**Eureka!**



⚙ Please use this page to make notes...

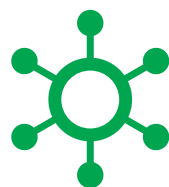
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Notes...



“Simplicity is the ultimate sophistication”

Leonardo DaVinci



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Distributed by...



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