



# Introducing the T7-S - PC for Schools



## The T7-S

from Tranquil PC

- Reduce your school's carbon footprint
- Immediately save electricity costs
- Enjoy quieter classrooms
- Extend the working life of your PCs
- Support UK-based design and technology

Today our schools are increasing the number of PCs in the classroom. It is expected that most schools will have at least one PC per 2-3 students, and many schools will have an even higher ratio. This is at the same time as the UK Government are promoting 'Green initiatives' and encouraging lower carbon footprints!

PCs are one of the heaviest loads on a school's electricity supply. There is no option to reduce the number of PCs - the answer is to reduce the power consumption of the PC itself. In so doing you are not only contributing to a lower carbon footprint, but also saving real electricity costs too.

Is it really possible to have a PCs powerful enough for classroom use, and yet saving 75-80% of the electrical power of regular PCs? It is now, with the Intel Atom powered T7-S.

The T7-S is an optimised PC for schools. Powered by Intel's latest energy efficient processor, the T7-S offers unsurpassed performance, with the power consumption of a low energy light bulb. The T7-S is also fan less; this means they are almost silent too, encouraging a better classroom environment. The fan less design also ensures longer life cycles between PC changes, again saving costs to your school and the environment. This reliability factor also ensures less downtime and IT service costs.

The all aluminium construction enhances this UK designed product. These PCs are very small and can even be securely fixed to desks or walls. They have standard PC connections and support all operating systems, and so can quickly be deployed into the school network setup.

Not only will these T7-S PCs make direct and immediate power cost saving, there are also in-direct savings too. By reducing the power output of the PC this reduces the requirements for air conditioning. The heat reduction from thirty T7-S PCs in a classroom, compared to regular PCs is approximately 7600 Btu. The following information can indicate savings per classroom of thirty PCs:

• Annual Direct running cost reduction (PCs)	£630 *
• Annual Indirect running cost reduction (A/C)	£140 *
• Annual CO2 reduction (carbon footprint) PCs	1350 Kg *
• Annual CO2 reduction (carbon footprint) A/C	300 Kg *
• Decreased unit costs due to extended lifetime	£800 *
<b>Total Cost Saving</b>	<b>£1,570 per annum</b>
<b>Total CO2 Saving</b>	<b>1,650 Kg per annum</b>

*\* based on the following data:  
30x installed PCs - running 35 hours / week / 40 week year - comparison to a regular (100W) PC - power costs of £0.20 / kWh over the next 4 years - 1kWh generates 0.43Kg of CO2 - 1kW equals 3412 Btu - 8000 Btu A/C unit uses 1kW - A/C is used half of the year. Life cycle increases from 3 to 5 years - No additional energy management is used.*

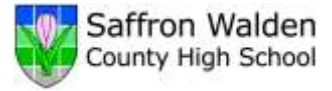
## "The T7-S PC solution ticked all the boxes"

Paul Middleton, ICT Manager, Saffron Walden County High School

**Please turn over to read about one school's experience...**

## CASE STUDY

# Saffron Walden County High School



After initial successful sample trials to test the performance and reliability of the T7-S PC, Saffron Walden School took delivery of and deployed ninety T7-S PCs in August 2008.

The school has an estate of nine hundred PCs and there was an opportunity to substantially save power costs, and of course carbon emissions!



*"We are a specialist school – one of the first Technology colleges in fact! It is important we provide our students with an exceptional learning environment.*

*As the ICT manager here I had the task of upgrading our computer equipment to provide a reliable, cost effective and low power solution.*

*I came across Tranquil PC Ltd in PC PRO magazine and after evaluating the power, cost and energy emissions decided the T7-S PC solution ticked all the boxes in terms of reducing our schools carbon footprint and significantly lowering our power consumption.*

*In addition to these changes I was surprised at the small yet robust nature of these units, this is definitely an added bonus in a school environment and with the use of the innovative wall bracket the mounting options are quite varied"*

*Paul Middleton, ICT Manager, Saffron Walden County High School*



To learn more about the T7-S PC for schools, please visit our web site

[www.tranquilpc.co.uk](http://www.tranquilpc.co.uk)

Or call our advisors on 0845 555 7788. Our email address is T7S@tranquilpc.co.uk.

OR FAX BACK THIS FORM TO 0161 848 0665 and we'll call you back at a time which suits you.

Please call me to discuss the T7-S PC at

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My telephone number is

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My name is

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My school is

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