



# Cranberry SC20

The Cranberry SC20 is a powerful, energy-efficient and totally manageable Smart Client computing device that offers businesses a viable alternative to the conventional desktop PC.

This greener PC alternative is designed around the ultra-efficient AMD Geode chipset – the Cranberry SC20 requires just ten per cent of the power of a conventional PC. Utilising the Microsoft Windows® Embedded Standard operating system the SC20 can be locked down to prevent unauthorised changes to both applications and the operating system. This gives the SC20 unrivalled security and maintenance free operation.

The SC20 uses an embedded version of RES Wisdom®, a popular PC management and deployment utility, allowing instant deployment and management of Smart Client computing devices. As the SC20 was designed specifically to work with RES Wisdom® it can take advantage of its many advanced features such as disk write control and automated power on/off. This allows the SC20 to be turned on to enable out of hours software updates and powered off when idle to save energy.

The Cranberry SC20 has been built from the ground up with a deep understanding of what a customer is actually looking for when considering an alternative to a desktop PC. The Cranberry Smart Client device delivers the rich functionality of the PC such as locally attached peripherals and the use of local, remote and even virtualised applications. Together with complete native embedded Control, Management and Administration. Most importantly Cranberry Smart Client devices have security features that are not available on desktop PCs such as disk write protection in addition to Cranberry's FreshBoot™ and FreshDeploy™ technology. With the Cranberry SC20 every aspect of peripheral support and application management can be controlled through the simple easy to use management interface.

Total integration of RES Wisdom™ into the Smart Client XP Embedded Operating System delivers complete Management, Control and Administration. This means that a Smart Client device can be delivered directly to the end user without the need for any preparation. The Smart Client is provisioned with all the requirements of the user, at the point of delivery and without any end user interaction. For the first time it is possible to have a computer that is always properly managed and maintained regardless of its location without the need for local IT support staff thus greatly reducing the cost of ownership compared to that of a PC when used in a SBC environment.

## Using a Cranberry SC20 Smart Client instead of a PC or Thin Client:

- Reduces in-house IT support costs
- Creates a secure environment for remote working
- Reduces system downtime
- Eliminates the threat of Viruses and Spyware
- Allows control of user access
- Substantially reduces energy costs and Carbon footprint





# Technical Specification - SC20

Cranberry Smart Clients are designed and built with recycling in mind. The SC20 conforms with the latest RoHS and WEEE environmental legislation relating to hazardous chemicals and safe disposal of equipment when it is no longer required.

CPU:	AMD Geode LX800, 500MHz Fanless
Power:	9 Watts Average
Memory:	DDR 400MHz SO-DIMM, 1 GB
Storage:	2.5" IDE HDD. 80 GB
I / O Front I / O:	Power On / Off Switch, Status LED x 2, Internal Speaker, Mic & Headphone, USB 2.0 x 4 Rear I/O: VGA port, RJ-45, Line-out, DC-in Jack, Kensington Lock Hole
LAN:	10/100 base-T Fast Ethernet LAN
AC Adapter Input:	100~240V, 50/60Hz 1.2A; Output: 12V, 3.33A
Dimensions:	140 (5.5") (W) x 140 (5.5") (D) x 35 (1.4") (H) mm
Weight:	0.7Kg (1.5 lbs) excl. external AC/DC adapter
Others Misc. Function:	Power LED, HDD LED
Video:	Video Memory shared with system configurable at 32/64/128 MB configurations Resolutions Supported 640x480, 800x600, 1024x768, 1152x864, 1280x1024, 1600x1200, 1920x1200 (wide screen), 1920x1440

## Standard Package

Cranberry SC20 Smart Client Device  
AC/DC Adapter UK, Euro or North America

## Operating System

Microsoft Windows®  
Embedded Standard



## Management

Embedded  
RES Wisdom®



## Regulatory

FCC-B and CE  
RoHS

## Environmental

Operating Temperature:  
0° - 55°C

Humidity: 0% - 90%

