

GREEN COMPUTING in STYLE



ThinCan

Energy efficient, small and noise free thin client or small footprint standalone solution for business, education and government organizations.

ThinCan™ is an ideal solution to reducing IT operating costs, risks and improving support quality.

ThinCan™ DBE63 as a thin client

You do not have to spend thousands to upgrade and support your IT infrastructure, if users only need to send e-mails, create documents, enter (input) data, access Internet, etc.

Thin client computing implementations can remarkably lower operational and up-front cost of hardware, reduce the price of support, simplify installation, upgrades and licensing.

Running a centrally controlled application at the server and equipping workplaces with minimalistic thin client device ThinCan™ DBE63, you save ~ GBP 252/PC (user)/year from personal firewall, anti-virus, anti-spam, change management and electricity costs.

ThinCan™ DBE63 as a standalone solution

ThinCan can be used as a standalone small footprint solution with or without connection to a central server. Running all necessary processes (applications) on CompactFlash memory makes ThinCan™ DBE63 ideal for dedicated applications e.g. interactive kiosk.

ThinCan™ DBE63 also supports Windows Embedded Standard OS.



ThinCan DBE63

Thin client highlights

- Personal firewall, anti-virus, anti-spam, and change management savings ~ GBP 136/PC/year.
- Electricity savings ~ GBP 116/PC/year.
- Lower cost of ownership.
- Enhanced data security.
- Centralized policy implementation, enforcement and audit.
- Strong access controls and ability to handle sensitive data dissemination.
- Provide local and remote stations with identical solution.
- Optimized and centralized IT staff and maintenance.
- Reliability and availability (redundant architecture)
- Less network bandwidth.
- Increased employee productivity.

ThinCan™ DBE63

Ecological - ThinCan™ DBE63 consumes 5W of electricity — 25 times less than traditional PC.

ThinCan™ complies with all applicable CE, FCC, RoHS environmental standards.

ThinCan™ comes housed inside a recyclable lightweight aluminum enclosure.

Small - ThinCan™ is as small as a video cassette. It can also be mounted behind a TFT display to save even more space.

Secure - ThinCan™ has no hard drive and built-in software. Users can not save any data locally which makes the device immune to computer viruses.

Silent - ThinCan™ has no fan or other breakable moving part. You will not hear disturbing noise while it is operational.

Reliable - ThinCan™ comes without field-serviceable parts inside, they rarely fail and there is no need for costly on-site repairs.

Should the need ever arise, replacing a defective ThinCan™ takes a few seconds and can be performed by an average user.

To compare with traditional PC a thin client device ThinCan™ can be used till it amortizes (5-8 years) while the useful life of a PC is about 3 years.

Open Source Software support - Artec Group works in close collaboration with the open source software developer community to ensure continued support for the ThinCan™ in Coreboot, the Linux® kernel and the X.org graphics driver.

OEM - Friendly - OEM can bulk order customized ThinCan™ products, as a low-power small-footprint solution running on embedded versions of Linux® or Windows

and equipped with special hardware features to match the OEM's own particular network appliance needs.

Warranty – Parts warranty – 1 year.

ThinCan™ DBE63 Specification	
Publication Year	2009
Microprocessor	AMD Geode™ LX700 @ 433MHz
Firmware ROM	512KB FWH NOR Flash
Mass Storage	CompactFlash
Socketed Memory	Up to 1GB
Network Controller	100/1000baseT (VT6122)
Video Resolution	up to 1920 x 1440 32-bit true color @ 85Hz
Audio CODEC	AC97 v2.3 (ALC203)
Connectors	external PSU 15-pin VGA RJ45 Ethernet four type-A USB 2.0 3.5mm microphone input 3.5mm headphone output
Supported OS Payloads	Etherboot (LTSP) PXE boot (LTSP) Embedded Linux Windows™ CE 6.0 USB boot Windows XP Embedded or Windows Embedded Standard
Approximate Dimensions	150mm x 95mm x 32mm
Approximate Weight	290g (without Power Supply)
External Power Supply	9V to 16V DC
Power Consumption	approximately 5W
Operating Temperature	5°C to 40°C
Regulatory Compliance	CE, FCC, RoHS

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