- Maximize the technology
- Easier setup & manage
- Optimizing computing, less cost

Acer AC100 Server

Windows MultiPoint Server 2011 Standard Edition

12-meter USB cable

12-meter USB cable

Acer Shared Resource Computing (SRC) Terminal solution

AC100 Server with Microsoft MultiPoint 2011 Server Solution Brief

Offering a new user experience in SOHO, small office, and education environment to gain flexibility, reliability, security, Acer SRC Terminal solution with Microsoft MultiPoint Server 2011 (MPS 2011) uses far less energy than standard/traditional PCs. Moreover, this solution not only saves electric bills, but is also simple to manage.

Teaming up with Microsoft, Acer unleashes an effective computer sharing resource solution for budget conscious users in small offices, classrooms, libraries, labs, and cybercafés. Powered by Acer AC100 ultra micro server for day-to-day computing processing and Acer zero-client docking station for client's computing operations, this solution offers a friendly, robust, and a reliable computing environment.

Key features and Benefits

Energy cost reductions — Acer SRC Terminal (Zero Client) technology significantly lowers energy consumption than their PC counterparts from its minimal parts, fan-less design, and efficient thermal design. The Acer SRC Terminal client station consumes less than 5 watts of power, compared to 75 − 150 watts for a traditional PC; users can cut the cost of their electricity bills significantly.

Low overall IT and management manpower — Acer SRC solution is much simpler to manage with an intuitive user interface, and it is easy to manage from MPS 2011 Manager Console. Moreover, by only installing the program once on the host computer, it will be ready to use on all of user stations. Administrator can also log on to all stations at one time with auto-logon, using existing Windows Group Policies, and providing on-site or remote assistance when teachers or users need additional help without being on-site.

Lower overall TCO - One host computer can provide the computer processing for up to ten users to perform different tasks simultaneously. The cost saving can save up to 66%[1]. Moreover, it also greatly reduces the requirement of labor for service and maintenance during the product lifecycle. This would represent 11%[1] of overall potential savings.

Higher productivity – Forrester Consulting shows that surveyed IT managers spent over 20% of their time on reactive tasks, such as troubleshooting and re-imaging PCs, and more than 40% supporting applications taking away workers valuable time in working either in 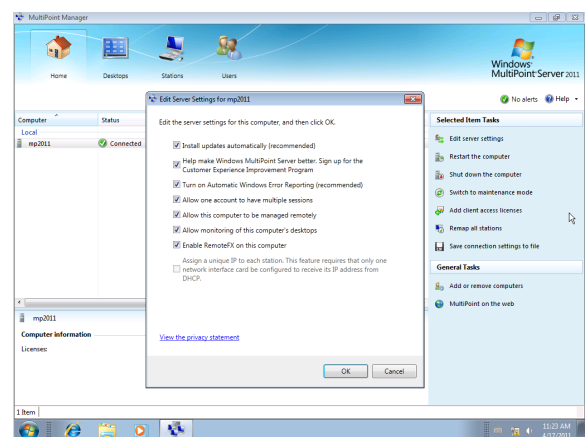using older applications or waiting for older PCs. Accessing information and processing from SRC Terminal from host servers are immediate from anywhere without boundary.

Acer SRC–Terminal Configuration	
Maximum # of Users	10
Host Computer	AC100 server x1
Storage	4 hot-swappable HDDs
Hub	Up to 2x Acer 7-port USB hubs
Client	1x Acer zero client USB docking station per user
Cable connection	Standard USB
Monitor connection	VGA
Keyboard & Mice	USB 2.0
License	
Server	1x WMS 2011 Std.
Client	Up to 10 WMS 2011 CALs

Increased reliability – with no moving part in SRC terminal architecture in client side, higher reliability is expected. From Gartner's report, the MTBF (mean time between failures) is greatly increased to 150,000 [2] hours in zero client operation comparing to 25,000-30,000 [3] hours from traditional PCs.

Increased security – having no hard drives or CD ROM in each client device, and with no resident operating system or application, the virus intrusion and infection are merely immune. Administrator can also restrict USB access, so system is being protected from foreign and unauthorized data.

Easily monitor the system – A built-in MPS 2011 Manager Console, administrator without technical knowledge can easily add, delete, interrupt, or change each station's status from one convenient location. Administrator can also see how many stations are being used, which user is using which system, and check to see whether hardware is connected properly.

[1] Source: Microsoft MultiPoint Server web site
[2] Source: Acer zero client docking station testing result
[3] Source: www.TechData.com