



THE ULTIMATE  
THIN CLIENT SOLUTION  
WITH AMAZING PERFORMANCE  
ON GREEN TECHNOLOGY REVOLUTION



Smart **2590-J1800**

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## INTRODUCTION

Compared to traditional PC, Thin Client can benefit enterprise users with higher IT management efficiency, productivity and lower TCO.

SMARTSTATION Thin Client is the smallest, most advanced thin client on the market. It combines great performance, stateless operation, low power consumption, remote management and simple device setup and imaging. This small, lightweight, solid state unit can be mounted on the back of monitor, making SMARTSTATION Thin Client ideal for any space-constrained environment.

SMARTSTATION Thin Client series are available with Linux Embedded, Windows 7 Embedded , Windows 10 IOT OS.

SMARTSTATION is dedicated to be the professional thin client and embedded computing provider for over 21 years and now we are one of the top independent manufacturer of thin client. With providing design, manufacturing and service support functions for embedded computing SMARTSTATION is your best embedded solution partner to empower more efficiency and safety for your e-World.

Smart 2590 Thin Clients comes with Linux Embedded Operating System with protocols like RDP 8.0, Citrix Receiver, VM Ware VDI Client with RDP & PCOIP Support, Red Hat VDI support, it also comes with SEP USB redirection printing support and CUPS (Common Unix Printing Support) allows user to share locally installed printers\*\*, Inbuilt Firefox Ice weasel Browser, and Libre Open Office 4.1, SAP GUI, PDF Reader enables users to work independently for locally supported applications. Also provided support for USB Block / Allow in RDP Session, can support with 32 bit graphics. Having tool to identify network functionality. Font smoothing and Desktop Background is also supported. It can support Server Operating system Microsoft 2003, 2008, 2012, 2016, Desktop Operating System like Microsoft Windows XP, Windows 7, and Windows 8 , Windows 10 .It also supports Linux Environment with XRDP.

Smart 2590 are also available with Windows Embedded Std 7E with IE8/9/10, Citrix Receiver, VM View, PDF Reader, RDP 7.0 and Enhance Write Filter utility with USB accessibility control. Options to install other customized software as required.

Smart 2590 are best suitable for Corporate Houses, Education, University, Large & Medium Scale Industries, Multi Specialty Hospitals, Chartered Accountants, BPOS and KPOS



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## SMARTSTATION THIN CLIENT BENEFITS

### GREEN

Lower power consumption for energy saving and reduce CO2 for earth saving.  
 Our products focus on reducing, reusing and recycling materials used in our manufacturing operations.  
 Our environment compliance effort including ISO 9001:2008 Certification.

### DURABLE

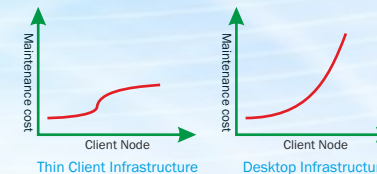
Fanless design for long life span, noise free and higher system reliability. Our thin client components are used industrial level and solid parts for long lifespan.

### ECONOMIC

Lower power cost of ownership (TCO): Save more than 50% off cost than using traditional desktops for energy saving and maintenance cost saving.

### SECURE

Since the software becomes entirely confined to the servers, thin clients are protected from the use of unauthorized software or the introduction of viruses, Unlike PCs and traditional laptops, thin clients are locked down and offer greater security against theft, damage, malware, spyware and viruses.



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Very Low Cost

Ultra Low Power

Better Performance

Secure

Power Saver

Easy to Manage

Stable & Reliable

Fanless Design

Eco Friendly

Maintenance Free

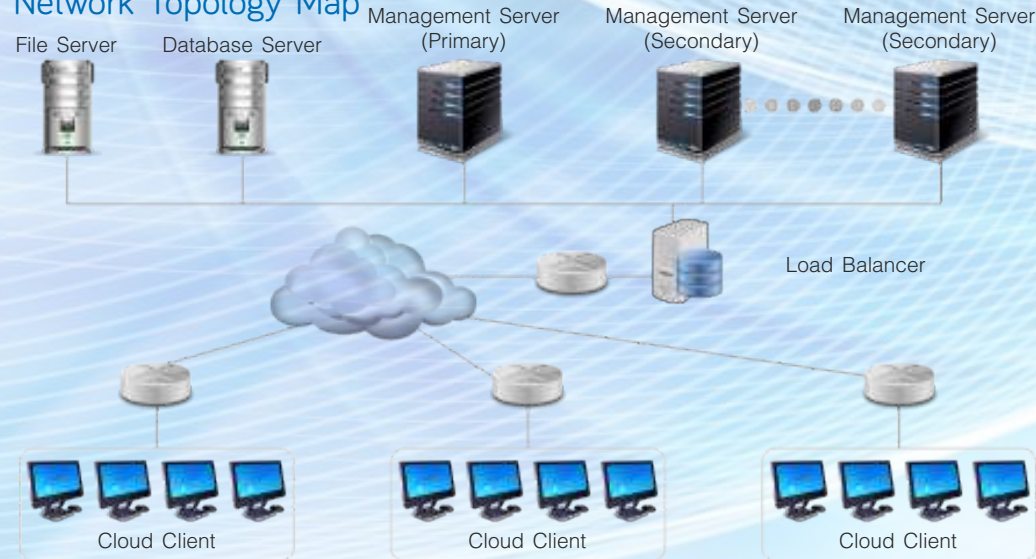
## SMART CCCM Centralized Management

CCCM (Cinfin Cloud Client Management Software) supports multi-platform, multi-OS-type. Contains functions such as remote assistance, batch deployment, software dispatch, application upgrade etc. With unified management interface, to achieve centralized management and group management.

Unified management interface, adapt to centralized management and group management.

Provides unified management interface, user account, roles (administrator privileges), resources (cloud client) separated, to achieve centralized management and group management.

### Network Topology Map



Note : Less than 3,000 units under management, no need to install Load Balancer and Secondary Management Server.

### EXCELLENT USER EXPERIENCE

While support instant upgrade, also support automatic upgrade while cloud client shutting down or Non-working time, ensure user not be interrupted while working.

### STANDARD PROTOCOL, FULLY MANAGEMENT

The solution can manage various cloud clients with different OS (XPe/WES7/COS\*). The solution defined a standard communication interface, which is convenient to manage cross-platform device.



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## SMART CCCM Centralized Management Functions

FUNCTION ITEM	FUNCTION DESCRIPTION
System configuration	Remotely system configuration and software configuration could be set remotely, the common system configurations contain Display, Date and Time, System User, Network, Browser, Printer, Connection Item and other software configuration and template could be applied as well as application configuration could be set in batch.
Remote Assist	Issues could be solved by remote analysis ways : Remote monitoring, Screen shot, Instant Messaging etc.
Power Management	"Turn Off", "Log Off", "Restart", "Wake up", could be done remotely and intelligently.
Message Management	Notification or message could be sent from administrator to single cloud client or batch cloud client, and messages could be done instantly between client and server (windows).
File Deployment	Application installation package could be dispatched fastly and installed safely, and you can copy file to client, deploy operating system or upgrade patch.
Log Management	Record the time, content and result of the operation by administrator. It is convenient for administrator to track in the future.
Device Security	Disable or enable peripherals.

## Specifications

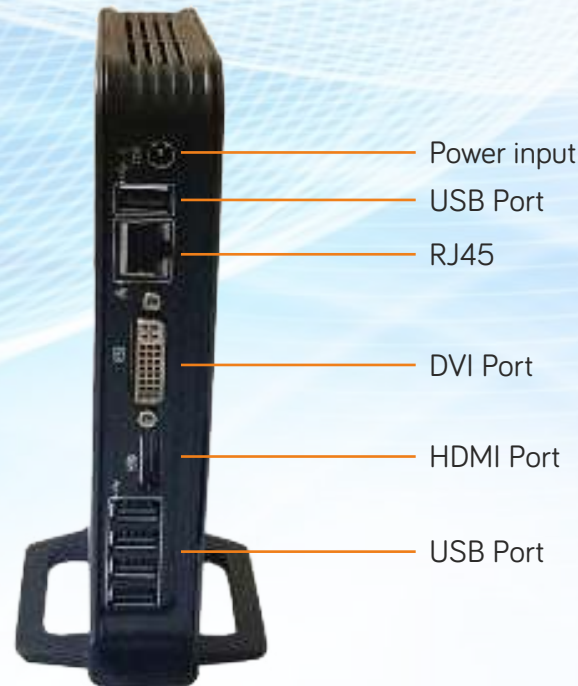
Processor	CPU	Intel SoC Dual-Core 2.41 GHz
Memory	RAM	2 GB DDR3L (Max up to 8GB)
Storage	eMMC	8GB mSATA (16GB/32GB Optional)
I/O Peripheral Support	Display Ports	DVI-i x 1, (DVI-I can be split to DVI-D + VGA, DP x 1)
	USB Ports	5 x USB 2.0 (rear), 1 x USB 3.0 (front)
Networking	LAN	1 (10/100/1000 Base-T Fast Ethernet, RJ-45)
	Wireless	WiFi (Optional, has only 4 USB 2.0 ports at the rear in such a case)
Display Support	Resolution	DVI-D Up to 1920x1200@60Hz, VGA/DP Upto 2560x1600@60Hz
	Color Depth	Support 32bit true color
	Dual Display	Supported
Audio	Front	Line-out x 1, Mic-in x 1 (1/8-inch mini jack)
Physical Characteristics	Dimension	131 mm x 31.5 mm x 167 mm
	Weight	0.58 kg.
Power	Adapter	Worldwide auto-sensing 100-240V AC, 50/60 Hz, 5v/3A DC
	Consumption	Less than 10 Warts power usage
Environment	Cooling	Fan-less Convection
	Operating Temperature	0 to 40
	Relative Humidity	30% to 90% non-condensing
Mounting	VESA Bracket	VESa Mounting Kit
	Kensington Lock	Built-in Kensington security slot


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## Connectivity



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## VARIOUS MODELS COMPARISON

Model	Smart 2350	Smart 2370	Smart 2530	Smart 2530-V2	Smart 2590	Smart 2590 J1800	Smart 9150	Smart 9190
Processor	Cortex 1.5GHz	ARM 1.12GHZ	Cortex 1.0GHz	Cortex 1.6GHz	AMD Fusion 1.0GHz	Intel SOC 2.41GHz	Intel SOC 2.41 GHz	Intel SOC 2.41GHz
Core	Dual Core	Dual Core	Single Core	Quad Core	Dual Core	J1800 Dual Core	J1800 Dual Core	J1800 Dual Core
RAM	1GB	512MB	1GB	1GB	2GB	2GB/4GB/8GB	2GB/4GB/8GB	2GB/4GB/8GB
Flash / SSD	4GB	2GB	4GB	4GB	8GB/16GB/32GB	8GB/16GB/32GB	8GB/16GB/32GB	8GB/16GB/32GB
Parallel Port	No	No	No	No	No	No	No	Yes
Serial Port	No	No	No	No	No	No	Yes	Yes
Display	VGA/DVI	VGA & HDMI	VGA	VGA & HDMI	VGA / DVI	VGA / DVI & HDMI	VGA & HDMI	VGA / DVI & HDMI
USB	5 USB	4 USB	4 USB	4 USB	7 USB	5 USB	6 USB	6 USB
Kbd + Mice port	USB	USB	USB	USB	USB	USB	USB	USB / PS2
Embedded OS	Linux Embedded	Linux Embedded	Linux Embedded	Linux Embedded	Linux/Windows	Linux/Windows	Linux/Windows	Linux/Windows
Wire/Wireless	Wired	Wired	Wired	Wired	Wired / Wireless	Wired / Wireless	Wired / Wireless	Wired / Wireless
Ethernet	10/100/1000Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
Power Supply	5V/3A DC	5V/3A DC	5V/3A DC	5V/3A DC	12V/3A DC	12V/3A DC	12V/3A DC	12V/3A DC
Dimension	156x130x37	155x105x15	93.5x93.5x20	110x110x27	165x132x30	165x132x30	215x190x60	215x189x50
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
Vesa Mounting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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