



Samsung Display Solutions

PCoIP® Zero-Clients

Seamless and powerful lineups to deploy Virtual Desktop Infrastructure more easily for advanced mobility, security and business efficiency

- **Optimize organizational agility and efficiency with advanced VDI features**
- **Simplify IT infrastructure maintenance & optimize operation efficiency**
- **Safeguard company data and infrastructures through streamlined IT strategies**

Optimize organizational agility and efficiency with advanced VDI features

Today's companies need better management of complex IT environments, improved employee mobility and increased security.

Samsung Cloud Displays provide an efficient VDI that enhances employee productivity with a streamlined, ergonomic work environment. Centralized IT management helps to keep systems and data more secure while reducing IT support costs.

A VDI based on Samsung Cloud Display technology provides a streamlined approach to IT management that helps organizations:

- Diagnose and fix issues remotely to optimize employee productivity.
- Support end-client tasks from a central location, such as an IT desk.
- Patch and upgrade software for computing stations simultaneously (on the server).
- Decrease IT visits to remote locations, such as branch offices, factories and retail stores.
- Install new computing stations in minutes
- Provide quicker resolution of service issues in mission-critical areas

Seamless lineups supporting newest VDI technologies for powerful and secure virtual computing solutions

Samsung Cloud Displays are perfectly designed for easy migration to a VDI. Samsung's working alliances with VMware®, Teradici® and Microsoft® help to ensure connectivity between the Samsung displays and other manufacturers' software and systems.

Deploying VDI in organization is not a simple replacement project but a very complicated one bringing various considerations from different IT environment.

Each company has a different IT infrastructure and hardware replacement cycle. Even in one company, each department has their own environment and requirement.

To minimize complexity of VDI solution choice, Samsung offers seamless lineups supporting newest VDI technologies for powerful and secure virtual computing solutions and systems.

The new Zero-client cloud series now comes in an all new white bezel model designed to provide a brighter touch to places such as hospitals and other hospitality environments. Experience all the benefits of our zero-client in a white bezel model to better fit your needs.



Simplify IT infrastructure maintenance & optimize operation efficiency

Samsung Cloud Displays feature zero-client technology embedded into the monitors for effective desktop virtualization and improved productivity. Clutter can be reduced by eliminating unnecessary wiring and bulky PC equipment. Samsung Cloud Displays are available in a variety of screen sizes and form factors for maximum flexibility.




The displays are packed with ergonomic features like height-adjustable stands (HAS), and tilt and swivel capabilities to accommodate virtually any user's needs.

Samsung Cloud Displays generate less heat, noise and dust than traditional PCs. The displays feature multiple ports for connecting with most peripherals, and have optional integrated speakers for an even more streamlined workspace.

Safeguard company data and infrastructures through streamlined IT strategies

Samsung Cloud Displays help to address the demands of increasingly complex IT environments through data centralization and backup.

A security-rich VDI infrastructure also supports compliance with many data protection regulations. Samsung Zero-client cloud displays do not have disk drives or locally stored data, so confidential information has greater protection from intruders and unauthorized users.

All-in-One Type	Box Type	Stand Type
		
Eliminate the need for a separate PC	The easiest and most convenient way to deploy VDI	Transform current Monitor to All-in-One Cloud Display
NC241, NC221, NC191	NX-N2	NB-NH

All-in-One Cloud Display for Zero-client technology : Eliminate the need for a separate PC

NC191/NC221/NC241 come equipped with embedded Tera2 PCoIP® Zero Clients chipset which delivers high level of security, ease of management and high performance virtual desktop experience. This PCoIP zero client Cloud Display also connects easily and effectively with your business's data center.

The All-in-One Displays do not require their own operating system, local CPU or memory storage. All the required software and hardware components are installed on the central server and automatically extended to each user's Zero-client cloud display. This simple mechanism provides powerful security, minimized maintenance costs and excellent space saving.

Box type Cloud Series : The easiest and most convenient way to deploy VDI

NX-N2 is a new Zero-client box type cloud series with the advantages of both the box type the Zero-client technology.

Cumbersome desktop PC can be easily replaced while keeping the monitor and other peripherals, and the PCoIP zero client does not require even an OS of its own because all the software assets are safely stored on the central server.

Stand type Cloud Series : Transform your current Monitor to an All-in-One Cloud Display

Samsung stand type cloud series is a deviation from a conventional cloud client that comes as a stand for VESA compatible monitor to be mounted on it. The stand type cloud series easily transforms VESA compatible monitor into an All-in-One cloud display. The sleek and contemporary design of this base station offers increased desktop space and helps to keep a tidy work area. It can hold a monitor weighing up to 6.5kg, with a maximum size of 27 inch with VESA mount 75X75 & 100X100.

NB-NH is a Zero-client device with embedded Tera2 PCoIP® Zero Clients chipset which continues to deliver high level of security, ease of management and high performance virtual desktop experience.

All-in-One Type

NC241 (White)



NC241 (Black)





NC221



NC191



Client	Processor	Teradici Tera2321			
	OS	N/A			
	VDI Server Support	VMware Horizon View 6.0			
	Graphic RAM	DDR3 512MB			
	Flash	256M bit (32M Byte)			
	Audio	Realtek ALC262			
	Ethernet	Gigabit Ethernet (10/100/1000 Auto Sensing)			
Panel	Size	23.6"	23.6"	21.5"	19"
	Panel type	a-Si TFT active matrix	a-Si TFT active matrix	a-Si TFT active matrix	a-Si TFT active matrix
	Aspect ratio	16 : 9	16 : 9	16 : 9	5 : 4
	Pixel pitch (H x V)	0.2715 x 0.2715 mm	0.2715 x 0.2715 mm	0.294 x 0.294 mm	0.294 x 0.294 mm
	Brightness	300 cd/sq.m	300 cd/sq.m	250 cd/sq.m	250 cd/sq.m
	Contrast Ratio (typical)	1000:1	1000:1	1000:1	1000:1
	Viewing angle (H/V)	170 / 160 deg (CR≥10) 178 / 170 deg (CR≥5)	170 / 160 deg (CR≥10) 178 / 170 deg (CR≥5)	170 / 160 deg (CR≥10)	170 / 160 deg (CR≥10)
	Response time (G to G)	5 ms(White to White)	5 ms(White to White)	5 ms	5 ms
	Maximum resolution (H x V) (Dual screen)	1920 x 1080 (1920 x 1200)	1920 x 1080 (1920 x 1200)	1920 x 1080 (1920 x 1200)	1280 x 1024 (1920 x 1200)
	Colors supported	16.7 million	16.7 million	16.7 million	16.7 million
Signal	INPUT / OUTPUT		RGB-IN (15 pin D-SUB / PC-monitor use) LAN (RJ45, Gigabit) USB (2.0 x 6EA) Headphone OUT Audio IN MIC IN DVI-I OUT	RGB-IN (15 pin D-SUB / PC-monitor use) LAN (RJ45, Gigabit) USB (2.0 x 6EA) Headphone OUT Audio IN MIC IN DVI-I OUT	RGB-IN (15 pin D-SUB / PC-monitor use) LAN (RJ45, Gigabit) USB (2.0 x 4EA) Headphone OUT Audio IN MIC IN RS-232C DVI-I OUT
Power	Power-on	Max	52W	52W	52W
		Typical	28W	28W	28W
	Stand-by		Less than 1.1W	Less than 1.1W	Less than 1.1W
Cabinet color	Front		White	Black	Black
	Back		White	Black	Black
Accessory (Supplied)	Included in package		(1) User Manual (2) Power Cord (3) Quick Setup Guide (4) Warranty Card	(1) User Manual (2) Power Cord (3) Quick Setup Guide (4) Warranty Card	(1) User Manual (2) Power Cord (3) Quick Setup Guide (4) Warranty Card
Speaker			1W x 2	1W x 2	1W x 2
Wall mount bracket			VESA 100 x 100	VESA 100 x 100	VESA 100 x 100
Dimension	Set, with stand (W x H x D)		554.6 x 380.3 x 224.0	554.6 x 380.3 x 224.0	504.3 x 435.4 x 210.0
	Set, without stand (W x H x D)		554.6 x 330.5 x 61.2	554.6 x 330.5 x 61.2	504.3 x 301.9 x 61.2
	Packaged (W x H x D)		626.0 x 400.0 x 195.0	626.0 x 400.0 x 195.0	554.0 x 354.0 x 169.0
	Stand(W x H x D)				
Weight	Set		6.1kg	6.1kg	4.9kg
	Package		7.6kg	7.6kg	6.0kg
Stand	Type	Swivel	-45deg ~ 45deg	-45deg ~ 45deg	-45deg ~ 45deg
		Pivot	0deg ~ 90deg	0deg ~ 90deg	0deg ~ 90deg
		Tilt	-2deg ~ 25deg	-2deg ~ 25deg	-2deg ~ 25deg
		Height Adjustable	130mm	130mm	100mm

			NX-N2 (Box Type)	NB-NH (Stand Type)
				
Client	Processor		Teradici Tera2321	Teradici Tera2321
	OS		N/A	N/A
	VDI Server Support		VMware Horizon View 6.0	VMware Horizon View 6.0
	Graphic RAM		DDR3 512MB	DDR3 512MB
	Flash		256M bit (32M Byte)	256M bit (32M Byte)
	Audio		Realtek ALC262	Realtek ALC886
	Ethernet		Gigabit Ethernet (10/100/1000 Auto Sensing)"	Gigabit Ethernet (10/100/1000 Auto Sensing)"
Panel	Panel type		NOT APPLICABLE	NOT APPLICABLE
	Maximum resolution (H x V) (Dual screen)		2560 x 1600 Single (DP) (1920 x 1200 DP+DVI-I)	1920 x 1200 (1920 x 1200)
Signal	INPUT / OUTPUT		LAN (RJ45, Gigabit) USB (2.0 x 6EA) Headphone OUT MIC IN Display Port Out DVI-I OUT	LAN (RJ45, Gigabit) USB (2.0 x 4EA) Headphone OUT Audio OUT MIC IN RS-232C VGA OUT (15pin D-SUB / for Dual) DVI-D OUT (for connection to integrated display)
Power	Power-on	Max	Less than 30W	19.4W
		Typical	Less than 7W	7.3W
	Stand-by		Less than 1.1W (Stand By) / Less than 0.3W (Power off)	Less than 1W(S3) / Less than 0.8W(S5)
Cabinet color	Front		Black	Black
	Back		Black	Black
Accessory (Supplied)	Included in package		(1) User Manual (2) Power Cord / Adapter (3) Quick Setup Guide (4) Warranty Card (5) Cradle (6) Screw	(1) User Manual (2) Power Cord / Adapter (3) Quick Setup Guide (4) Warranty Card
Speaker			2W x 1	1W x 2
Wall mount bracket			VESA 100 x 100 by Cradle	VESA 75 x 75 / 100 x 100
Dimension	Set, with stand (W x H x D)		Vertical : 115.0 x 157.5 x 126.4 Horizontal : 150.0 x 38.3 x 126.4	
	Set, without stand (W x H x D)		150.0 x 30.4 x 126.4	
	Packaged (W x H x D)		191.0 x 75.0 x 225.0	455 x 380 x 140
	Stand(W x H x D)		115.0 x 12.6 x 115.0	244 x 340 x 227
Weight	Set		425g	2.3kg
	Package		1.3kg	3.6kg
Stand	Type	Swivel	X	X
		Pivot	X	0deg ~ 90deg
		Tilt	X	-2deg ~ 25deg
		Height Adjustable	X	120mm

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