

NEC REFERENCE SOLUTIONS



OPTION BOARD SOLUTIONS

STv1 | STv2



More Power to Your Signage

A SIMPLE PLUG IN TO THE FUTURE

The NEC Option Board concept means that buying a display or projector today is a versatile investment for the future. With an ever increasing range of slot in boards and a proven track record of performance, purchasing an NEC display or high end projector fitted with an option slot means that you can select one of many powerful upgrade options today or even integrate new technology in the future.

With no cables required due to internal connection for power, video, audio and control, the option slot also fits neatly within the display or projector profile for a more elegant installation.

SINGLE SERVICE POINT

An NEC Display Device that incorporates an Option Board uniquely gives the customer one service contact and matching warranties for the display or projector and the board and in the case that servicing is required, a slot product can easily be removed and serviced separately with the display in tact. A new plug on service module even allows you to test a STv1 product without the need to install it first.

FUTURE PROOFING YOUR DISPLAY

Option Slots give your display an 'upgrade ready' path for today's boards and additionally, compatible boards that may be developed in the future. They also

are exchangeable between compatible products either directly or in certain cases using a cradle meaning that they form a useful element in your display solutions for the entire site.

NEC OPTION SLOT BENEFITS

Expansion and Future Proofing Built into the Display/ Projector

An Elegant, Unobtrusive, Cable-Free Installation

Two Expansion Slot Formats for Extra Flexibility

New Powerful Single Board Computers using low voltage (LV) or ultra low voltage (ULV) CPUs for lowest power consumption

Single Service Point for the Display / Projector and Integrated Board

A Wide Portfolio of existing boards and a commitment to the future with in an NEC and Intel product development collaboration

STv1 and STv2 Options

EMPOWERING TODAY'S AND TOMORROW'S DISPLAYS OR PROJECTORS

NEW OPS STANDARD (STv2)

The Open Pluggable Specification (OPS) has recently been introduced to simplify device installation, usage, maintenance and upgrade. OPS boards are smaller than traditional NEC boards and can be exchanged between NEC large Format Displays and our new PX and PH Installation Projectors. Powerful Intel processors mean that OPS Slot-in PCs are ready for the most challenging digital signage applications including recognition driven content. The latest OPS boards can be integrated or exchanged between any displays that incorporate OPS sockets or displays with the Dual STv1/STv2 socket by integrating an NEC adapter cradle.



TRADITIONAL NEC OPTION BOARDS (STv1)

The market leading STv1 NEC Integration Slot Solution has proven a widely adopted successful option for many years, bringing our customers convenience, upgradability and more importantly a single service point.



NEW OPS TECHNOLOGY IS COMPATIBLE WITH

All NEW NEC Public Displays

Interchangeable between NEC Displays with the use of a Specially Developed Carry Cradle, STv2 placed in STv1 slots

NEC High end PX and PH installation Projectors are the first projectors with an option slot offering all benefits of the concept

Other products in the market that use OPS technology

Option Boards COMPATIBILITY CHART		X551UN	P402, P462, P552	V422, V462, V551, V651	X462HB, X461HB	X461S, X551S	X462UN, X461UNV	X431BT	P701	V321, LCD8205	PH, PX PROJECTORS	IDEAL FOR
SLOT-IN PC's*												COMPATIBLE COMPATIBLE REQUIRES ADAPTER NOT COMPATIBLE
ATOM 1.6	STv1	●	●	●	●	○	●	●	●	○	○	
CELERON 1.2	STv1	●	●	●	●	○	●	●	●	○	○	
CORE2DUO 1.86	STv1	●	●	●	●	○	●	●	●	○	○	
CORE i5, 2.5GHZ	STv1	●	●	●	●	○	●	●	●	○	○	
CELERON 1.86	STv2	○	○	○	○	●	○	○	○	○	●	
CORE i5 2.4GHz	STv2	○	○	○	○	●	○	○	○	○	●	
MEDIAPLAYER												MEDIAPLAYER
MEDIAPLAYER	STv1	●	●	●	●	○	●	●	●	○	○	
HDSI BOARD												HDSI BOARD
HDSI BOARD	STv1	●	●	●	●	○	●	●	●	○	○	
HDSI BOARD	STv2	○	○	○	○	●	○	○	○	○	●	DVI DAISY CHAIN BOARD
DVI DAISY CHAIN BOARD												
DVI DAISY CHAIN	STv1	●	●	●	●	○	●	●	●	○	○	TUNER
TUNER												
TUNER	STv1	●	●	●	●	○	●	●	●	○	○	CAT 5 RECEIVER BOARDS
CAT 5 RECEIVER BOARDS												
Short, video only	STv1	●	●	●	●	○	●	●	●	○	○	
Long, video only	STv1	●	●	●	●	○	●	●	●	○	○	
Short with RS232 + Audio	STv1	●	●	●	●	○	●	●	●	○	○	
Long with RS232 + Audio	STv1	●	●	●	●	○	●	●	●	○	○	ADAPTORS
ADAPTORS												
STv2 Adaptor		●	●	●	○	○	○	○	○	○	○	ADAPTORS

* STv1 SBC have pre-installed Windows XP, 1GB (Atom), 2GB (Celeron, Core2Duo) RAM and a 250 GB HDD. Core i5 40GB SSD, 2 GB RAM, WS7E. STv2 Celeron have Celeron1.86, 4GB RAM 320GB HDD WS7E and STv2 Core i5 have 2.4 GHz Core i5, 4GB RAM 320GB HDD WS7E. STv1 Corei5 based on "sandy bridge". STv2 based on "arrandale"

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