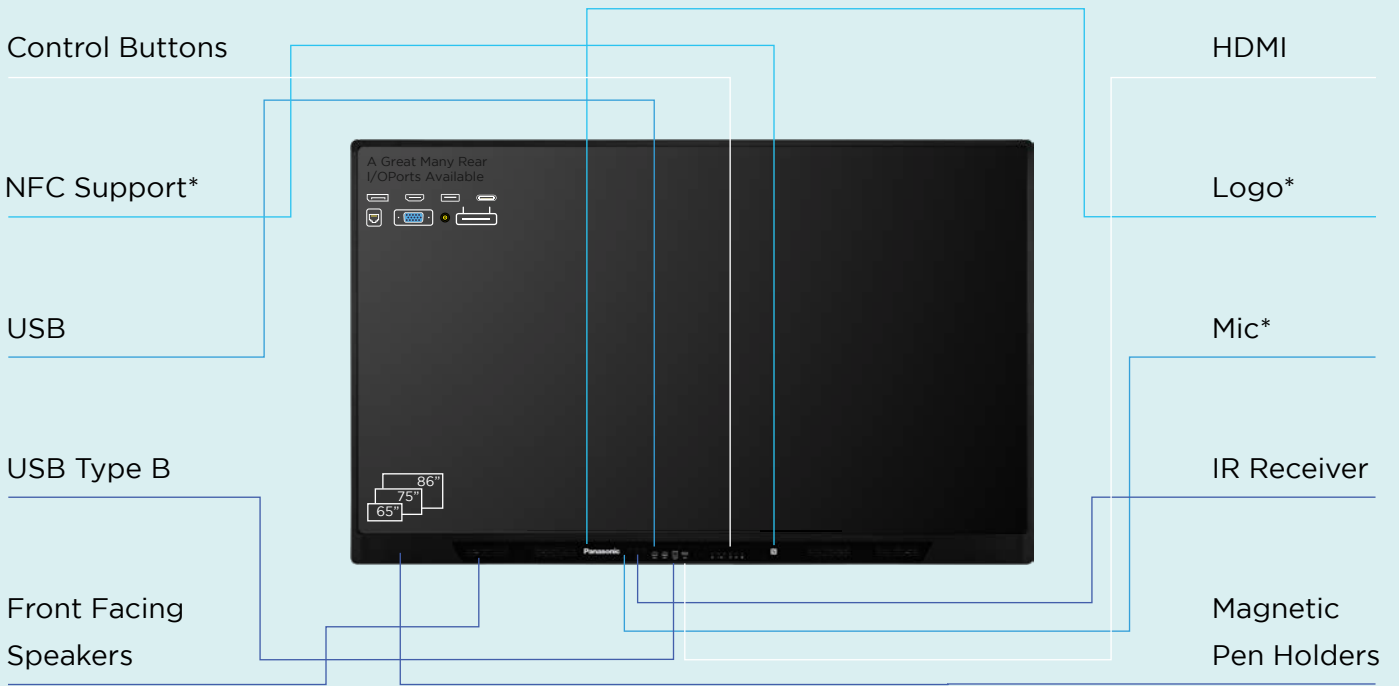# Panasonic
BUSINESS

THE NEW AT SERIES

INTERACTIVE
PROFESSIONAL DISPLAYS

THE NEW AT SERIES

The Android 9 OS-powered AT Series is the latest Interactive Series tailored design for education and office verticals. The series includes powerful touch/pen tools with a light user experience together with all the fundamental features needed for teachers and students, and manageability for school IT administrators.
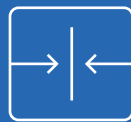
Control Buttons

NFC Support*

USB

USB Type B

Front Facing
Speakers

HDMI

Logo*

Mic*

IR Receiver

Magnetic
Pen Holders

A Great Many Rear
I/OPorts Available

86"
75"
65"

20pt Touch Experience

WiFi/BT

Anti-Glare
Tempered Glass

ANTI
GLARE

Slim Bezel/
Seamless
Touch Depth

4K
ULTRA HD

Impressive
4K Performance

DISPLAY FEATURES

Eye-Care Solution

Designed to reduce eye strain with flicker-free screen
at maximum brightness level.

**Anti-Glare
Glass**

Impressive 4K Performance

Exceptional viewing creates superior picture quality with
4K resolution and 178-degree viewing angle.

Flicker Eye

Panasonic

Whiteboard

OfficeSuite

File Manager

ESharePro

Save

Conventional

**Anti-Shatter
Toughened Glass**

Anti-Glare Tempered Glass

The anti-glare coating prevents excessive
light reflection and provides a smooth touch performance.
Toughened glass is incorporated into the robust design
of the display to avoid accidental damage to the screen.

TOUCH FEATURES

Improved Fluent Touch Experience

Incorporating the latest 20-point IR Touch technology with faster response. The new AT series is designed to allow multiple users to interact simultaneously. The super-smooth surface allows for a highly precise and user-friendly writing experience.

High Precision Touch

20-Point Touch

Super Slide Surface

Palm Erase
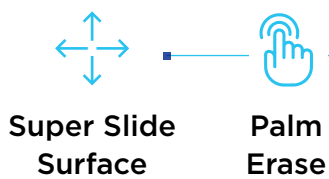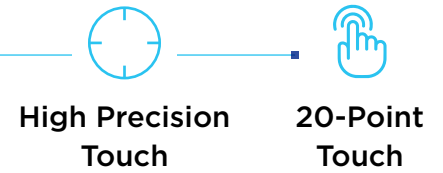
Smooth Touch Support

A new touch frame gives the users the option to auto-recognize the color and pen thickness separately (dual pen).

CONNECTIVITY

A Great Many Ports Available to Cover the Highest Requirements

Aside from all the easily accessible front ports, AT Series is equipped with embedded Wi-Fi and BT modules and many rear I/O ports:

4 x HDMI2.0 | 2 x USB2.0 Type-A
1 x USB Type-C | 1 x MicroSD
1 x OPS Slot | 1 x LAN and more
1 x Secure Slot (USB)

OPS Slot
Enhanced processing capabilities using pluggable PC in OPS slot. Compatible with a range of Windows OPS.

USB Type-C
Can transfer 4K video and data whilst powering/charging mobile devices. OPS compatibility enhances processing capabilities using pluggable PC in OPS slot.
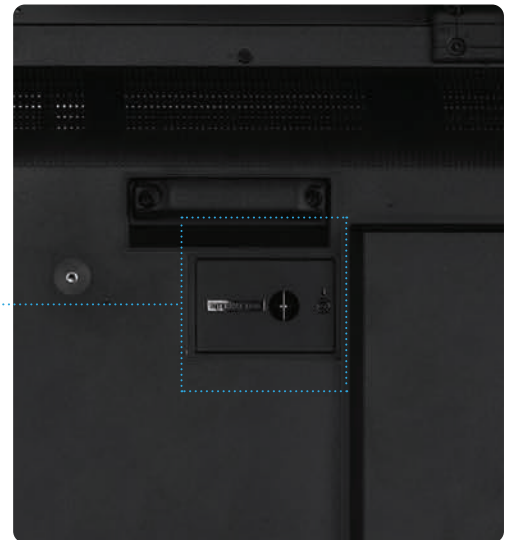
HDMI-Out*	USB Type C*	IR Input	Headphone	USB	Audio Out
VGA	Sensor Input	LAN	RS232	OPS	

NATURAL WRITING EXPERIENCE

Professional Pen Design

Passive magnetic pen with 2 different tip sizes can
be assigned to different colors automatically.

Smooth Dual Pen

A passive magnetic pen with two different pen sizes
as well as palm erase provides teachers the ability to be
more efficient and effective in classrooms.

AN ARRAY OF ANDROID APPLICATIONS DELIVERS DIFFERENT WAYS OF STUDENT ENGAGEMENT

Offering the fundamental applications, the new AT Series allows users to annotate
on Whiteboard, share content remotely via Eshare, work on documents in OfficeSuite,
open media and browse through your documents and folder.
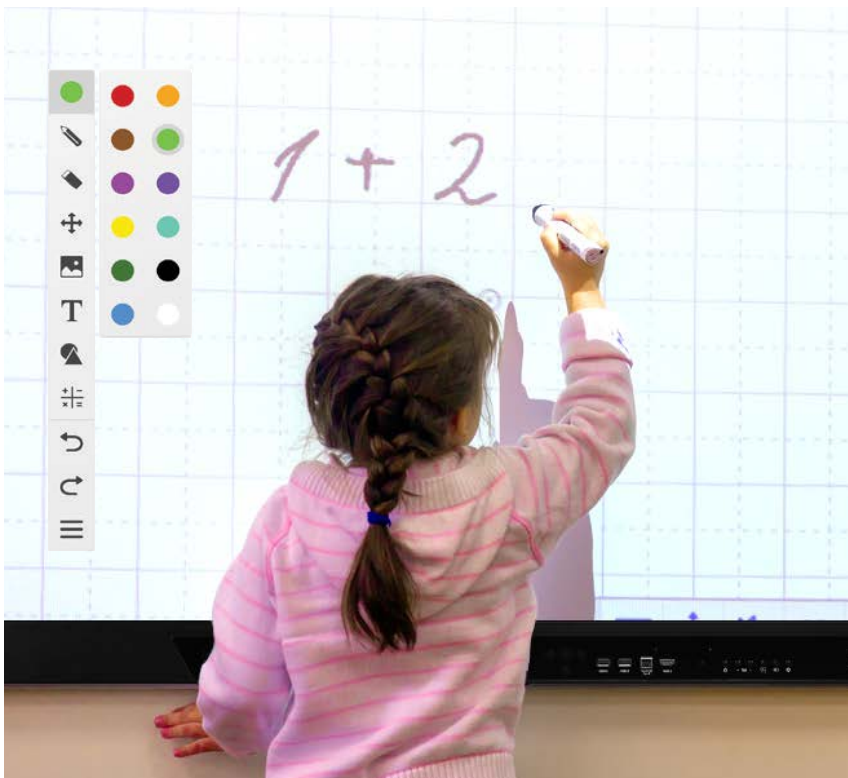
File Manager

Multimedia Player

Chromium

Whiteboard*

ESharePro*

OfficeSuite*

Whiteboard Application for Flawless Teaching Experience

The new AT Series offers a compact whiteboard application design for teachers with the
required tools to annotate, draw or highlight using 2 different tip sizes with auto-recognition,
add texts and media to work on during classes. Whiteboard application can quickly open
any cropped screenshots with any annotation done over any source.

*whiteboard software is optional   *Other application mentioned for usage purpose

FLEXIBLE TOOLS

Quick Tools and Settings

New quick tools (Calculator, Chronometer, Timer, Screen Capture, and Crop) and quick settings (volume /brightness settings, Screen Lock, NFC Settings, and more) for teachers to utilize the AT Series board efficiently without disrupting the classes.

Palette   **Timer**   **Chronometer**

Calculator   **Screenshot**
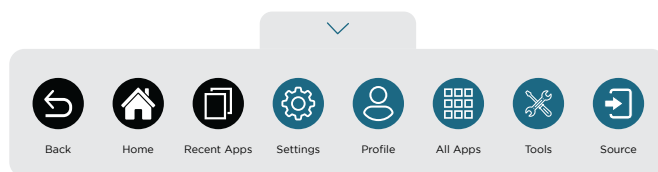
FRONT DESIGN

Enhanced User Experience

The new AT Series creates a tailored teaching experience while offering a unified Navigation Toolbar. New User Interface unites all the necessary tools for teachers to shape the classroom environment.

| Back | Home | Recent Apps | Settings | Profile | All Apps | Tools | Source |

Everything You Need is Within Reach

The new AT Series has everything the teacher needs to use in front of the display. External disks/USBs can be easily connected to the device and also any external PC can be passed over to the board via HDMI and touch input. Furthermore, the front buttons grant the ability to control the display in any situation easily.

Flexible Pen Usage on Any Content

The newly introduced Quick Palette tool provides teachers with the needed tools to annotate on any classroom content and/or any Source. Quick Palette tools include features such as pen and highlighter, screenshot, and screen-crop.

Powerful Speakers

2x20W front-facing speakers can easily be effective even in the largest classrooms without any need to add external speakers.
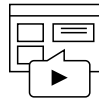
WIRELESS SCREEN SHARING

Empowers users to share any external content without any cables. Utilizing embedded Wi-Fi technology the new AT Series provides Eshare application.

SIGNEDGE* ONE STOP DIGITAL SIGNAGE PLATFORM

FEED CAPABILITIES
RSS and HTML feeds display real-time data.

CONTENT STREAMS
Customize your layout format based on users' needs.
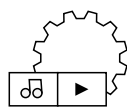
VIDEOS & LIVE TV
Stream HD videos, play live TV videos.

FEATURES OF PANASONIC SIGNEDGE SOLUTION

REAL-TIME WIDGETS
Live information of news, weather, etc.

CUSTOMER SERVICE
Pan-India support and assistance.

PLAYER MANAGEMENT
Manage everything directly from the dashboard and get all the reports.

ALERTS
Display alerts in real-time without any delay.

UPGRADES
Simultaneous push upgrades over the network.

CONTENT MANAGEMENT
Manage where and when to display and for how long.

SOCIAL MEDIA
Link Facebook, Twitter and other social media feeds.

USE ADMINS
Authorised edit access to chosen admins.
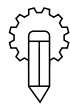
CUSTOM ANNOUNCEMENT
Variety of fonts, colours and photo options.
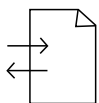
IMPORT FILES
Make use of PowerPoint, Word, PDF, Excel and other formats.
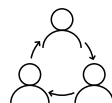
SHARE MULTIPLE DISPLAYS
Project content on multiple displays irrespective of the location.

REPORTS
Get organised reports about all your display status & CMS software. Display media player on/off Assigned content report | User activity

INTEGRATION CAPABILITIES
Easy integration with software and mobile application.

SCHEDULE
Choose your preferred time and date to display content.

CREATOR AND APPROVER
Approve your content before projecting it on the screen.

*Optional Software
*Call Panasonic Team for More Information

SPECIFICATIONS

Model	LH-65AT4VS	LH-75AT4VS	LH-86AT4VS
Panel			
Screen Size	165cm	190.5cm	218.4cm
Backlight Type	Direct-Type LED		
Brightness (typical)	350 cd/m²	400 cd/m²	400 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD		
Panel Life Time (Min.)	50000 Hrs		
Response Time (typical)	8 ms	8 ms	8 ms
Active Area (H x V)	1428 x 803 mm	1650 x 928 mm	1895 x 1066 mm
Viewing Angle	178° Vert., 178° Hor.		
Glass Type/Hardness	4mm Tempered Anti-Glare	4mm Tempered Anti-Glare/8 Mohs	4mm Tempered Anti-Glare
Built-in-system			
Operating System	Customized Android Pie 9.0		
CPU	CA55 Quad core		
GPU	Mali470 MP3		
Memory	2 GB DDR3		
Storage	8GB eMMC		
Wired	10/100 Mbps Ethernet		
WiFi	WiFi 5 (802.11 a/b/g/n/ac)		
Bluetooth	BT 4.2		
Monitor Connectivity			
RGB Input	VGA		
Video Input	"4 x HDMI2.0,		
	2 x USB2.0 type-A,		
	1 x USB2.0 type-C,		
	1 x MicroSD (up to 1TB),		
	1 x Secure Slot (USB2.0),		
	1 x OPS Slot(15W)"		
Video Output	1xHDMI2.0		
Audio Output	Headphone(Line-out), Optic SPDIF		
External Control	RS232(3.5mm jack),		
	Ethernet(RJ45), Service(RJ12)		
External Sensor	RJ12		
Front Connectivity			
Front I/Os	"2 x USB2.0 Type-A,		
	1 x USB2.0 Type-B for touch,		
	1 x HDMI2.0 Input"		
Console Buttons	"Standby on/off		
	Volume up		
	Volume down		
	Touch enable/disable		
	Source Change,		
	Settings"		
IR Receiver	Fixed on bezel		
Audio	2x20 W - Front Facing Speakers		
Pen Holder	Integrated Magnetic Tray		
Touch Technology			
Type of Touch Technology	Infrared (IR) Technology		
Continuous Touch Points	"20 Points: Windows,10 Points: Android"		
Sensitivity	Any touch with finger, gloved hand or pointer		
Connectivity	HID, TUIO, Flash		
Supported OS and Applications	"Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android"		
Pen Type	Battery-less Pen		
Pen Identitites	2		

SPECIFICATIONS

Model	LH-65AT4VS	LH-75AT4VS	LH-86AT4VS
Mechanical			
Product Dimensions (WxDxH)	1497 x 930 x 113 mm	1721 x 1056 x 113 mm	1962 x 1184 x 97 mm
Package Dimensions (WxDxH)	1756 x 1100 x 265 mm	1990 x 1227 x 265 mm	2163 x 1405 x 318 mm
Product Weight	43.6 kg	59.3 kg	85.5 kg
Package Weight	51.8 kg	73.8 kg	109.4 kg
Vesa Mounting	400 x 400 mm - M6	600 x 400 mm - M8	600 x 400 mm - M8
Bezel Width	B: 66 mm | T: 15 mm | L/R: 15 mm	B: 66 mm | T: 15 mm | L/R: 15 mm	B: 66 mm | T: 15 mm | L/R: 15 mm
Enviromental Conditions			
Operating Temperature	+40°C / 0°C		
Operating Humidity	90%		
Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Current Rating	2A	2.6A	
Power Consumption			
Typical	155W	231 W	379 W
Deep Standby	≤ 0.5 W	≤ 0.5 W	≤ 0.5 W
Mechanical Features			
Features	"Slim Bezel, User-Friendly Front Ports and Buttons, Detachable power cable, Carrying handles"		
User Experience			
Homepage	"Personalized Background, Home buttons, Navigation bar, Quick Palette"		
Launcher	"All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change"		
Applications	"Whiteboard, ScreenShare, Web browser, File Manager, Media Player"		
USB Type-C	"Data transfer: USB2.0, Charging capability: 7.5W, DP alternate mode: 4K video stream"		
Others	"Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source"		
Accessory			
Standard	QSG, IB, Power cord, Remote control unit, Mounting kit, 2xPen, RS232 Cable, USB A to B Touch Cable		
Certification			
BIS	YES		

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TECHINCAL DATA AND SPECIFICATIONS