

# abichina Interactive Touch LCDs



The **abichina** Interactive Displays, in sizes 42", 55", 65" 75" & 80", with the latest quality High Definition LCD, incorporate finger touch technology creating a multipurpose unit for any corporate or government use. Whether for digital signage, education, advertising, copyboard, presentations, information kiosk, videoconferencing, TV, internet - the Interactive LCD is the perfect solution. The enhanced abichina touch LCD is now DRIVER FREE for Windows 7, Mac or Linux; can work in multitouch mode with any Win7 certified multitouch program; and has full gesture control.

Interactive whiteboard software is included free with the board increasing versatility of the unit for education, training, and copyboard functions. Powerful software makes it the perfect application tool for education as well as Corporate, as presentations can be enhanced with interactive functions, and comments/notations can be saved for distribution to participants. The LCD can also be used as a Copyboard using the whiteboard software. Simply create a blank white screen & write notes for printing. The Hardware Recognition software converts hand writing to typed notes where required. Digital signage software is readily available enabling incorporation of a range of advertising and signage functions with interactivity.

Inputs include VGA, HDMI, Component, S-Video and Composite video, as well as Audio for each source. A PC can be built inside the LCD case if required, with standard specs of Gigabyte motherboard with AMD 250 dual core, 4GB RAM, 500GB HDD.

**abichina**

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## Applications:



**Digital Signage:** Use the touch screen to interactively advertise your products & services. The LCD is the latest high definition (1080P) quality, enabling use of video, data & audio for a full multimedia experience. The incorporation of interactivity ensures a complete customer experience. Allow customers to choose colour schemes, select virtual reality, etc.

**Interactive Whiteboard:** Use the LCD screen as an interactive whiteboard for education or training. AbiTouch interactive software is supplied with the LCD. The LCD IWB is easily to install (driver free), does not have shadowing and reflection issues found with traditional systems, is bright in all light conditions and has low maintenance costs.



**Information Kiosk:** Enable visitors to find the information they need. Ideal for use in Office buildings, Hotels, etc. Corporate videos, general information or advertisements can be running while the Kiosk is not being accessed by visitors.

**Shopping Malls:** Shoppers can discover weekly specials, find shop locations, daily activities & services, while Retailers have the opportunity to promote specific products, goods & services to shoppers. Full multimedia high definition display.



**Corporate Presentations:** Use the touch screen to discuss & enhance your presentation. The touch screen can also be used as a Copyboard; simply write notes, save & print the screens. Introduce interactivity to presentations to better involve participants. The LCD can be used for any corporate function including videos, copyboard, videoconferencing, training, etc.

## Benefits:

1. Driver Free & full compatibility: Plug-n-play operation with Win 7, Mac or Linux.
2. Multitouch: Works in Multitouch mode with any Win 7 certified multitouch programs & also works in multitouch with the IWB software included.
3. Gesture Control: Touch screen gesture control including page scroll, zoom in/out, etc.
4. Multimedia: The LCD has multiple inputs for data, internet, video & audio, so it can be used for interactive multimedia applications. It enables the User to introduce a wider range of activities and functions to the presentation or lesson.
5. Interactive Board: When used as an interactive board, benefits over traditional whiteboard systems are:
  - a. no shadowing,
  - b. no strong projector light that is harmful to eyes, and
  - c. reduced usage costs (no expensive projector lamp to replace).It is also more user friendly, without the need to calibrate if moved.
6. Portability: While the LCD is a large unit, when mounted on the mobile stand, it can be easily moved around a building. Traditional whiteboard/projector systems are not designed for mobility.
7. Copyboard: The interactive LCD can be used as a Copyboard, so that notes can be made during brainstorming sessions, saved & printed for sending to all participants. Handwriting can be converted to text using Handwriting Recognition software.
8. Reduced installation charges: The interactive LCD is easily to install and connect. Cables do not have to be installed in walls & ceilings (as with whiteboard systems) reducing installation costs.
9. Ease of Operator: Inputs can be easily controlled using selection buttons on the IWB frame. With projection systems, remotes are required to change sources,
10. Multi-Function: The Touch LCD reduces the need for multiple audiovisual items, such as whiteboard, TV, computer monitor, projector, and speaker system, to achieve a better result.



## Optional Mobile Stand:

For situations where you need to move the LCD around your building, there is an optional mobile stand available. The stand shown is for 55" and larger boards, and has built in shelves for the equipment, eg. PC. The stand has lockable castors to ensure the stand is stable during use. The 42" model uses the PLBVERST mobile stand.

# Specifications:

## LCD:

Sizes available:	80", 75", 65", 55", and 42" (Samsung, LG or AUO, depending on size).
Resolution:	1920 x 1080
Contrast Ratio:	> 4000:1
Viewing Angle:	>176°
Aspect Ratio:	16:9
Dot Pitch:	0.744 x 0.744mm x RGB
Colour:	10 Bit, 1.07 billion colours
Response Time:	5.5 ms
Brightness:	500 cd/m <sup>2</sup>

## InfraRed Touch Technology:

Transmissivity:	100%
Baud rate:	4096 x 4096
Response Time:	<11 ms
Refresh Rate:	>16 ms
Location Accuracy:	3mm
Operating Temperature:	-20°C to 70°C

Connections: Varies depending on Panel size and country tuner. Minimum connections listed:

### *Inputs:*

VGA with Audio:	1
HDMI:	1
Component (3 x RCA):	1
Composite:	1
Stereo Audio (2 x RCA):	1
S-Video:	1
RF:	1
Power (IEC):	1

### *Outputs:*

USB (Touch Out):	1
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## Controls:

Buttons:	Power On/Off, Menu, P+, P-, V+, V-. TV/AV
Full Remote Control	Yes
TV Tuner:	HD

## Dimensions (mm):

Viewing (Active) Area:	65": 1589 x 959; 55": 1366 x 826; 42": 1047 x 640
Thickness:	65": 1428 x 804; 55": 1209 x 680; 42": 930 x 523
Wall Mount Fixing :	155mm
	Universal LCD wall mount

## Optional Embedded PC:

Space and mounting is built inside the case for a Gigabyte 1920x1080 PC processor to be added if required. External sockets for PC connectivity are provided (RJ45 x 1, USB x 4, 3.5mm x 1). Normal specs 4GB RAM, 500GB HDD



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