



Product Name: All in One Touch Monitor for Education/All in One Smart Board/All in One Interactive Whiteboard
Model Number: GQ-TSB6501

Touch LCD - all in one touch monitor is an interactive TV, it built-in with LCD/LED and touch screen (and PC for optional). We use the most popular technology infrared touch to achieve interaction between users and the monitor.
 All in one touch monitor is also a LCD whiteboard, use the LCD to instead of the projector for image presentation.
 Connect with built-in or outer PC, it is a large touch PC, fingers to control and operate the PC to present advertisement, conference PPT, classroom courses, play movies and etc...

Product Features:

- *Infrared Touch Technology
- *Interactive Whiteboard Solution
- *Finger or pen touch and write
- *Aluminum alloy body with front access touch
- *Without projector all in one touch monitor
- *Windows with 32bit and 64bit multi-touch
- *Support Microsoft surface
- *Various Interface, include HDMI/VGA/USB/AV/AUDIO/MIC/SD CARD SLOT etc.
- *Intelligent black board detecting features(Once black board activated, LED backlit off)

General Operation and Uses of Interactive Whiteboard:

- *An interactive whiteboard (IWB) device can either be a standalone computer or a large, functioning touchpad for computers to use.
- *A device driver is installed on the attached computer so that the interactive whiteboard can act as a Human Input Device (HID), like a mouse. The computer's video output is connected to a digital projector so that images may be projected on the interactive whiteboard surface.
- *The user then calibrates the whiteboard image by matching the position of the projected image in reference to the whiteboard using a pointer as necessary. After this, the pointer or other device may be used to activate programs, buttons and menus from the whiteboard itself, just as one would ordinarily do with a mouse. If text input is required, user can invoke an on-screen keyboard, utilize handwriting recognition. This makes it unnecessary to go to the computer keyboard to enter text.
- *Thus, an IWB emulates both a mouse and a keyboard. The user can conduct a presentation or a class almost exclusively from the whiteboard.
- *In addition, the Interactive Whiteboard is supplied with software that provides tools and features specifically designed to maximize interaction opportunities. These generally include the ability to create virtual versions of paper flipcharts, pen and highlighter options, and possibly even virtual rulers, protractors, and compasses—instruments that would be used in traditional classroom teaching. Interactive whiteboards promotes collaboration among students and group discussion and participation. They can be an effective tool for brainstorming due to the fact that notes can be taken on the board and saved to be shared and distributed to students later.

Uses for interactive whiteboards may include:

- *Running software that is loaded onto the connected PC, such as a web browsers or other software used in the classroom.
- *Capturing and saving notes written on a whiteboard to the connected PC
- *Capturing notes written on a graphics tablet connected to the whiteboard
- *Controlling the PC from the white board using click and drag, markup which annotates a program or presentation
- *Using OCR software to translate cursive writing on a graphics tablet into text
- *Using an Audience Response System so that presenters can poll a classroom audience or conduct quizzes, capturing feedback onto the whiteboard

Applications:

Interactive Whiteboard can be used in a variety of settings, including classrooms at all levels of education, in corporate board rooms and work groups, in training rooms for professional sports coaching, in broadcasting studios, and others.



High End Interactive Technology
CLASS ROOMS / TRAINING ROOMS / BOARD ROOMS



Presentations/ Discussions



Touch control lets users change pages and enlarges or moves an object, while a touch pen lets them make annotations, keep track of new proposals, and maintain the focus of discussions. Simultaneously displaying text, images and handwritten notes gives presenters a persuasive edge.

Online Video Conference



The big, bright screen brings those far away much closer in just-like-being-there video conferences. To facilitate communication, participants can digitally display documents and write notations directly on the screen.

Telemedicine



Touch Screen supports multi offices of hospitals to have online meeting, with function of document and other medical materials file share and desktop control. It is convenient for doctors' operation and communications.

Education/ Training



In specious lecture halls or classrooms, Touch Screen supports to have lessons teaching and record functions, meanwhile both students and teachers can be interactive via software.

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Display Information

Screen Size	65 inch
Panel Type	a-Si TFT-LCD
Aspect Ratio	16:9,Wide SXGA
Resolution	3840*2160 UHD
Viewing Angle	178(H)/ 178(V)
Brightness	450cd/m2
Active Area	1210.6*681.4mm
Response Time	8ms
Display Color	8 bit 16.7M
Service Lifetime	≥50,000 hours

Touch System

Sensing Type	Infrared System (Multi 10point touch)
Response Time	6ms
Connection	Full-speed USB (Driver free)
Light Transmittance	88% light transmittance
Surface Protection	Tempered Glass with 4mm thickness Standard

Operating System

Computer Part

Operating System	Windows 7/10 system (Recommend to use Windows 7, have better compatibility)
CPU	Intel Core i3 (i5/i7 Optional)
RAM	4G
ROM	120G SSD
Graphics	Intel HD Graphics, Supports 2160P
Network	1000M LAN, Realtek 8111E.2*LAN/ WIFI
Interface	DC input, HDMI output*1, VGA output*1, USB 2.0*2, USB 3.0*2, RJ45 (LAN), Audio output, Line output

Android Part

Operating System	Android 5.1.1 System
RAM	1G
ROM	4G
SD card slot	Support MAX 32G
Internet	WIFI, RJ45 optional
Interface	VGA -IN*1, Ypbpr -IN*1, AV -OUT*1, VGA AUDIO -IN*1, Cvbs VIDEO -IN*1, Coaxial - OUT*1, Digital-analog integrated TV

Others

Speaker	2*15W
Software	Whiteboard software. Support WORD, EXCEL, PowerPoint, PDF presentations edit mode annotate and modify the state, and kept the original

Power

Power Supply	AC100~240V
Frequency	50/60Hz

Working Environment

Operation Temperature	0℃~50℃
Storage Temperature	-20℃~60℃
Working Humidity	85%
Storage Humidity	85%

Packaging Information

Size	65inch
Product Dimensions	1515*103*936mm
Package Dimensions	1710*1190*250mm
VESA	600x400mm
Net weight	60KG
Gross weight	67KG
Accessories	AC Power Cable, Touch Pens, Remote controller, WIFI antenna



Multi-touch
Screen



Android/Windows
Dual System



Whiteboard
software



High
Definition



WIFI/4G/3G

All in One Touch Screen Smart Board for Education/Meeting





High-definition LED backlight LCD panel



Support multiple terminal accesses, rear interface



6 in 1 Design

- HD 1920x1080
- Viewing Angle: 170°
- TFT LCD Touch Screen
- All in one (Computers, Whiteboard, Projector, TV, Speaker, Advertising Machine)



One Key Remark



Built-in professional whiteboard writing software can be performed on the screen, no delay in writing, reducing, zooming, moving, etc. Can also be erased with the back of the hand, smooth and smooth.

Multi-screen Interaction



- 1: Use the mobile phone to display content on the screen with a single key, and easily interact with each other.
- 2: Use a wireless screener to pair the PC with the conference tablet, Share the content of the meeting and get it started.

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Packing Picture



Honeycomb cardboard

Accessories:



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FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.