



Don't just touch. *feel*TM

G6 Multi-Touch technology

Global Headquarters
Wacom Co., Ltd.
Harmony Tower 18th Fl
1-32-2 Hon-Cho Nakano-ku
164-0012 Tokyo
Japan

Americas
Wacom Technology Corporation
1311 SE Cardinal Court
Vancouver, WA 98683
USA

EMEA
Wacom Europe GmbH
Europark Fichtenhain A9
47807 Krefeld
Germany

comp-info-jp@wacom.co.jp (JP)
comp-info-tw@wacom.co.jp (TW)
comp-info-kr@wacom.co.jp (KR)
comp-info-cn@wacom.co.jp (CN)

comp-info-us@wacom.co.jp

comp-info-eu@wacom.co.jp



For more than a quarter of a century, Wacom has been creating natural and intuitive interface experiences for both professional and consumer users. At the heart of all our products are the core technologies that make Wacom experiences unique.

These core technologies shape how people feel when using one of our interface experiences. Collectively we call these Wacom feel IT Technologies™ and market them under the **feel** brand.

The **feel** brand is explicitly designed to work alongside our partner brands to improve people's experience of technology. Our ambition is that where users see the **feel** brand, they will come to expect a much better user interface experience. More natural. More intuitive. More human. More personal.

From now on technology will feel different.

Don't just touch. *feel*™

G6 Multi-Touch

Wacom feel IT Technologies™

The G6 Multi-Touch technology supports the multi-touch functions built into Windows 7 and allows users to intuitively control a PC by touching the display screen with their finger tips. In addition to this multi-touch control, Wacom's pen sensors can also be integrated allowing for handwritten input and pen-based image editing.

G6 Multi-Touch features

- Supports the G6 Multi-Touch functions of Window 7, simultaneously and accurately detecting the position of two fingers and supporting gesture functions, such as zoom and rotate, that recognize the movement of the fingers as commands.
- Operates at double the touch detecting speed required for Windows 7 achieving very smooth control, detecting the touch position even with high-speed finger movements.
- Reliably and stably detects finger positions even when signals are low level or when there is limited electric power.
- Simple and light touch sensor structure using just a single layered glass panel. This enables high transmission and no deterioration in displaying images, compared to alternative technologies that rely on a structure of film being sandwiched between 2 layers of glass.
- Optional dual technology input control through both pen and touch if our pen sensor system is also integrated. This creates a range of simple and intuitive user interface combinations that can be selected and put together depending on specific needs. (Touch only, pen only and pen and touch.)



Application Examples

- Windows 7 Multi-Touch Notebook / Netbook PC
- Windows 7 Multi-Touch Desktop PC
- Display / Monitor
- Hand held input machine.

According to system design requirement, Wacom has several standard platforms of pen and touch and touch only.

Product Line up

Active Area Size	TP Outline Size	EMR Pen Combination	I/F
7"	Developing	Possible / Developing	USB
10.1" (224.7x127.3)	235x143	Possible / Developing	USB
12.1" (263.2x165.2)	275.3x177.5	Possible / Available	USB
13.3" (288.1x180.8)	300.2x192.0	Possible / Available	USB
13.3" (16:9)(295.4x166.8)	311.4x185.0	Possible / Available	USB
14.0" (311.4x176.0)	323.6x192.0	Possible / Available	USB
14.5" (323.7x182.9)	338.8x197.2	Possible / Developing	USB
15.6" (346.2x195.6)	359.3x209.5	Possible / Developing	USB
17.3"	Developing	Possible / Developing	USB

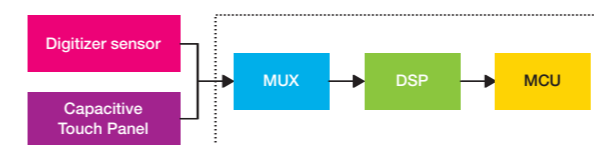
- All Interface are USB.
- Sampling rate is 100Hz all the time.
- Coordinate Accuracy is 0.5mm

Driver

Windows XP-Pro/TE / Windows VISTA / Windows 7

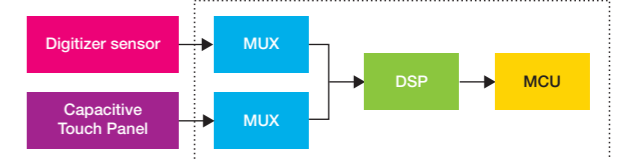
Block diagram of standard control board

Pen and touch up to 7inch



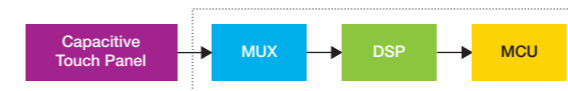
G6 controller board with 1 MUX can manage both EMR Digitizer and Capacitive Touch Panel.

Pen and touch up to 15.6inch



G6 controller using 2 MUX can manage up to 15.6inch Pen touch.

Multi touch control board



Incase Pen is not required, standard G6 Multi touch control board can control up to 15.6inch.

