

SPECIFICATION

MODEL: FBXXWHXXD-CT-A1

File NO.: HC-QE07-0030

REV: C0

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Document Revision History

Version	Date	Page	Update Details
C0	July. 18, 2013	All	Standardization
B0	Apr. 18, 2013	Page 3	Add Chrome OS
A0	Mar. 17, 2014	All	First Issued

1. Characteristic

- A plug-and-play device.
- Support four, six and ten touch points. (Option)

2. Specification

Active Area (Display Device)		31.5" ~85"
Housing		Aluminum Alloy
Housing Color		Black
Touch Interpolation		32767 (W) × 32767 (D)
Response Time		<15ms
Touch Accuracy		±2mm(over 90% Area)
Touch Input Method		Finger, Finger of gloved hand, Opaque objects
Output Form		Coordinate Value
Touch Durability		Unlimited
Available Object Sizes for Touch	Single Touch	5mm
	Multi Touch	8mm
Interface		A-Type USB/M
		TTL Serial Port

3. Electrical Specification

Frame Rate	125Hz
Communication	USB2.0 Full Speed
Transmission Rate	12Mbps
PowerSupply Mode	USB
Supply Voltage	DC5V ± 5%
Average Current	<300mA

4. Storage Conditions

Storage Temperature	-10°C~40°C
Storage Humidity	30%~70% RH
Storage Time	3 Months

5. Reliability Testing

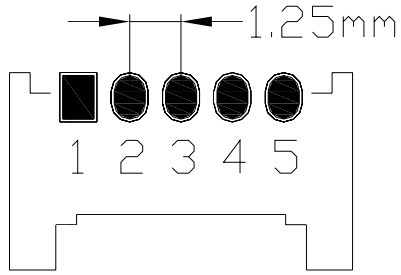
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Humidity	Operating:10%~ 85% RH, non-condensing
	Storage: 10%~ 90% RH, non-condensing
ESD	IEC61000-4-2 B level. 4 KV contact discharge and 8 KV air discharge.

6. Software Specification

Firmware Upgrade	USB Upgrade: Windows system
Multi Touch	Windows 7 Ultimate, Windows 7 Professional, Windows 7 Home Premium, Android (need patch in kernel code), Windows 8, Windows 8 Pro, Windows 8 Enterprise * Performance will be impacted if mentioned systems do not support multi-touch function or have no copyrights. And Windows 8 must be non OEM version.
Single Touch	Windows8, Windows 7, Windows XP, Vista, Linux, Mac, Android, and WinCE and Chrome

7. USB Connector

pin No.	Definition	Description
1	GND	Ground
2	GND	Ground
3	DP	USB Data +
4	DM	USB Data -
5	VCC	+5V



PITCH 1.25mm

8. TTL Serial Port Connector

pin No.	Definition	Description
1	VCC	+5V
2	RXD	Serial (TTL) data receiving
3	TXD	Serial (TTL) data transmitting
4	GND	Ground

