## **3-6.** POSTouch Driver Installation

Touch Screen auto detect / install program. Use for:		
ELO     POS Touch     POS Touch-HID     POS Touch+	Windows	Read Me
Touch Screen	DOS	
and the second sec	Windows	v463
• <u>ELO</u>	Windows\Alpha	v481 (alpha driver)
	Linux	
Touch Screen	DOS	
POS Touch	Windows	
	Linux	

a. In the "Touch Screen auto..." section, click <Windows>.



b. Click <Install Touch Driver> on "FT Touch Auto Install V1.0.2.0" window to detect the touch type in your system.

🖇 FT Touch Auto Install V1.0.2.0 🛛 🔀
Install Status
POSTouch Controller on \\.\COM5
A constraint of the second
Install Touch Driver

c. "FT Touch Auto Install" program will detect what touch type and interface being installed on the system.

LICENSE AGICEMENT		
Please read the following lice	ense agreement carefully.	
License For Customer Use of	of TouchUtility Software	^
IMPORTANT NOTICE - RE Software ("LICENSE") is a 1 Inc. ("TouchUltiky") which s all software and documenta copying, or otherwise using LICENSE. If you do not agr do not install or use the SOF RECITALS	AD CAREPULLY: This License Agreement for use of TouchUliky goal agreement between your CDLSTONEP(") and TouchUliky povens use of the software contained on this media. This includes is notativated herein ("SOTTWARE") for Jownson Safe, sintaling, and the software of the software of the software of the software be to the terms of the LICENSE, gut the install program now and TWARE.	
Use of TouchUtility's produc	ts requires three elements: the SOFTWARE, one or more pieces	~
<ul> <li>I agree to the terms of the</li> </ul>	is license agreement	
<ul> <li>I do not agree to the terr</li> </ul>	ns of this license agreement	

e. Select "I agree..." and click <Next>.



d. Click <Next>.

Whe	an unadd unau Run Tourshill			
	re would you like Touchor	tility to be installed?		
The new	software will be installed in path, or click Change to b	the folder listed below. To selec rowse for an existing folder.	t a different location	, either type in a
C:\F	rogram Files\TouchUtility			Change
Spac	e required: 5.36 MB			
Spac	e available on selected dr	ive: 7.62 GB		

f. Select the installation folder for the touch utility driver and click <Next>.

Millions and down. Here the		
where would you like the	e shortcuts to be installed?	
The shortcut icons will be folder, you can either typ	e created in the folder indicated below. If you don't wan e a new name, or select an existing folder from the list.	t to use the defaul
Shortcut Folder:		
TouchUtility		~
<ul> <li>Install shortcuts for c</li> </ul>	surrent user only	
Install shortcuts for c     Make shortcuts avai	surrent user only	

 2 TouchUffility Setup
 Image: Constraint of the policies you want and click. Next to continue

 Select the options you want and click. Next to continue

 Please select from the following options:

 Image: Please select from the following option

g. Select the shortcut folder for the touch utility driver and click <Next>.

h. Click <Next>.

leady to Insl	all adulto install Touchl Nilly 2 2 1 20. Eki
rou are now it	ady to initial Foldmonity 3.3.1.30° PH
The installer no	w has enough information to install TouchUtility on your computer.
The following :	ettings will be used:
Install folder:	C:\Program Files\TouchUtility
Shortcut folder	TouchUtility
Please click N	ext to proceed with the installation.

he software you are installing for this ItcRS232 Touch Panel

Continue Anyway STOP Ins

i. Click <Next>.

TouchUtility Setup



j. The computer is installing the touch driver

Plesse wak	Scan serial port for t     COM1: no device.     COM2: no device.     COM3: no device.     COM4: no device.     COM5: found a device.     COM5: detecting	
------------	--	--

I. The serial ports are scanned for a touch device. The Touch panel is on COM5.



m. Click <Finish>.



n. Click <OK> to restart the computer and finish the touch utility installation.



o. The computer has restarted. Click on the <Start> button, select "Programs", then select "Touchutility".



p. Select the <Device> tab.

General 1	Settings Parameter Tools Device	E
Active:	RS232_DEVICE0 Firmware Version : 3223 Release Comport and I ADVice 2223	Exit
	No Device Dispaly Numb  No #1 RS232_DEVICE0 No #1	
		1

q. Click on the 3 points or the 9 points calibration button.



r. Follow the instructions on the screen to do the calibration of the touch panel.



s. Touch anywhere on the screen to save the calibration.

# **4.** Peripheral Installation

## **4-1.** Phone Set Installation

1. The handset module connects to system by 2 connectors (marked with red circyles), and can be attached onto the holder in the direction arrow shown.



2. While connecting the cord to handset, connect the other side to system where marked with phone symbol.



**3.** The phone set installation is now completed. At right, its front view is shown.



# **4-2.** Stand Installation

1. Remove the stand cover and tighten the screws(x4).



2. Put the cover back and tighten the screws(x2).

•	J
	1

# **5.** Specification

Motherboard	B68 V1.0		
CPU Support	IIntel Atom N270 processor 1.6GHz L2 512K		
Chipset	Intel 945GSE Express and ICH7M FSB 533MHz		
System Memory	2 x DDRII SO-DIMM slot, up to 2GB		
Graphic Memory	Share system memory max 224MB		
LCD Touch Panel			
LCD Size	18.5" TFT LCD		
Brightness	300nits		
Maximal Resolution	1366x 768		
Touch Screen Type	Resistive		
Storage			
HDD	2.5" Slim HDD bay, SATA HDD		
Expansion			
Mini-PCI-E Slot	1		
Membrane			
Front Bezel Membrane	5 buttons ( 2 x Volume up & down, 2 x channel up & down, 1 x power button)		
Power button and LED	<ul> <li>Power Button press</li> <li>1. When System off: press power button for Power on system/Power LED Green light .</li> <li>2. When System on: press power button for turn off/on backlight/Power LED Red light.</li> <li>3. When System on: press 4 seconds force system power off. Power LED off.</li> </ul>		
External I/O Ports			
USB	3 x USB Type A		
Audio Jack	1 x Line-out, 1 x Mic-in		
Handset Jack	1 x RJ-11 (Not connected to telecommunication system)		
Remote Control	1 x SCSI 26pin		
Reset button	1 x Reset button		
Interfaces accessible via	a secure / hidden arm access panel		
RJ48	1 x RJ-48 (Not connected to telecommunication system)		
Ethernet connection 10/100/1000MB	1 x RJ-45		
USB 2.0	2 x USB Type A		
Power input	19V DC / 4.74A		

Motherboard	B68 V1.0
Audio	
Speaker	2 x 3W Speaker
Power	
Power Adapter	DC 19V/90W
Environment	
EMC & Safety	FCC Class B, CE, LVD
UL	UL 60601
Operating Temperature	0°C ~ 35°C (32°F ~ 104°F)
Storage Temperature	-20° ~ 60°C (-4°F ~ 140°F)
Operating Humidity	5% - 95% RH non-condensing
Storage Humidity	5% - 95% RH non-condensing
Dust & Water Proof	IPX0 (including front bezel / web cam)
Dimension (W x D x H)	462 .5x 336 x 75 (mm) (Without handset)
Weight	6.8 kg including telephone cradle and handset (max) 9.2 kg including telephone cradle and handset and Stand (max)
Mounting	Standard VESA Mounting Hole (75x75mm)
Power Supplier	100~240VAC to 19V DC (90W) power brick
Power Brick	Input voltage: 100~240VAC Input frequency: 47 to 63 Hz Input current: 1.06 to 0.45 A Output voltage:19V Output current: 4.74A Output power: 90W max Supply Class I adapter equipment of IPX0 classification continuous
OS Support	Windows-XP / Linux
<b>Optional Additional Feat</b>	tures
External Attachable Kit	
Handset & Cradle(Optional)	Mechanical hook switch with alarm LED light
Magnetic stripe card reader (Optional)	ISO 3 tracks MSR module (side mounting)
Built-in type install in factory	
Camera (Built-in)	1.3M pixels CCD fixed focus camera module
Smart card reader in front bezel (Built-in )	Compliance with ISO 7816 card reader
Scanner (Optional)	2D CCD scanner support HIBC

\* <u>Application</u> Access to patient records / Hospital administration system / Bed management
 \* <u>Manufactory information</u> Factory □ Flytech Technology Co., Ltd.
 \* Address □ No. 34, Wu-Cyuan 3rd Road, Wu-Gu Township, Taipei Hsien, Taiwan

**Tel No** 886-2-2298-2696 **Fax No** 886-2-2298-2786

# 6. Jumper Setting

## 6-1. For B68 Motherboard

6-1-1. Motherboard Layout



Version: B68 v1.0

#### Connector Purpose BAT1 CMOS Battery Base (Use CR2023) CN1 Power On Button CN2 Touch Sensor CN3 Power LED SATA1 HDD Power Connector CN4 CN5 SATA2 HDD Power Connector CN6 LCD Interface Connector CN7 IrDA Connector For External Touch Connector CN8 CN9 Inverter Connector CN10 Card Reader Connector CN11 Line Out CN12 LED Power MIC In **CN13** CN14 Speaker & MIC CONN CN15 CD-IN CONN CN16 FT Status Interface CN17 LAN LED CN18 USB5 CN19 DC-Jack CN20 PS2 KEYBOARD CN21 For Bedside Terminal CN22 LPT Interface for Touch CN23 For LPT Touch Reset DDR2\_A1 DDR2 SO-DIMM1 DDR2 A2 DDR2 SO-DIMM2 PRN1 Parallel Port PWR1 +19V Power Adaptor RJ11 1 Cash Drawer Connector COM1, COM2, COM3, COM4 RJ45\_1 RJ45\_2 LAN SATA1 SATA Connector SATA2 SATA Connector SKT1 SPI ROM USB1 USB1, USB2 USB2 USB3, USB4 SW1 Power On Bottom JP1 CRT Connector JP2 CRT Power/I2C Connector

## 6-1-2. Connectors & Functions

## 6-1-3. Jumper Setting

### **Power Mode Setting**

Function	JP9
▲ ATX Power	1 2
AT Power	1 2

### **RTC Reset**

Function	JP8
▲ CMOS Normal	1 2
CMOS Reset	1 2

▲ = Manufacturer Default Setting

1 2 Jumper open 1 2 Jumper short

### LCD ID Setting

Panel#	Resolution	LVDS		Output	.IP7
	TCSOIDLIOIT	Bits	Channel	Interface	
1	1366 x 768	24	Single	LVDS Panel	1 3 5 7 2 4 6 8
2	1440 x 900	24	Dual	LVDS Panel	1 3 5 7 2 4 6 8
4	1920 x 1080	24	Dual	LVDS Panel	$\begin{bmatrix} 1 & 3 & 5 & 7 \\ 2 & 4 & 6 & 8 \end{bmatrix}$
5	1024 x 768	24	Single	LVDS Panel	1 3 5 7 2 4 6 8
6	1280 x 1024	24	Dual	LVDS Panel	1 3 5 7 2 4 6 8
7	800 x 600	24	Single	LVDS Panel	1 3 5 7 2 4 6 8
9	1024 x 768	18	Single	LVDS Panel	$\begin{bmatrix} 1 & 3 & 5 & 7 \\ 2 & 4 & 6 & 8 \end{bmatrix}$
11	800 x 600	18	Single	LVDS Panel	$\begin{bmatrix} 1 & 3 & 5 & 7 \\ 2 & 4 & 6 & 8 \end{bmatrix}$
12	800 x 600	18	Single	LVDS Panel	$\begin{bmatrix} 1 & 3 & 5 & 7 \\ 2 & 4 & 6 & 8 \end{bmatrix}$
				CRT	$ \begin{bmatrix} 1 & 3 & 5 & 7 \\ 2 & 4 & 6 & 8 \end{bmatrix} $

Remark:

Panel ID#12 is specialized for Sharp 12.1" LQ121S1LG41/LQ121S1LG42 panel

1 2 Jumper open 1 2 Jumper short