POS 1000 with B49 / B69 / B79 M/B Installation Guide



482000G1 Dec 2004 V2.0

Safety

IMPORTANT SAFETY INSTRUCTIONS

- 1. Read these instructions carefully. Save these instructions for future reference.
- 2. Follow all warnings and instructions marked on the product.
- 3. Do not use this product near water.
- 4. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
- 5. Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- 6. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- 7. Do not allow anything to rest on the power cord.Do not locate this product where persons will walk on the cord.
- 8. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

FCC

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.

CD-ROM Safety Warning DANGER INVISIBLE RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM

Caution on Lithium Batteries

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

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1. Accessory





a. Warranty Card

b. Power Cable

- c. Drivers Bank
- d. Installation Guide

The following drivers in the folders of Driver Bank are necessary for driver installation. **B69 Mainboard**

Folder/File	File Description
<cd>:\B69\B69.htm</cd>	B69 Driver list
<cd>:\Common\INTEL\Chipset</cd>	Chipset driver
<cd>:\Common\INTEL\i815VGA</cd>	VGA driver
<cd>:\Common\LAN_driver\R8139_810x</cd>	LAN driver
<cd>:\Common\Ac97_codec\ADI\AD1881A</cd>	Audio driver

B79 Mainboard

Folder/File	File Description
<cd>:\B79\B79.htm</cd>	B79 Driver list
<cd>:\Common\INTEL\Chipset</cd>	Chipset driver
<cd>:\Common\INTEL\i845VGA</cd>	VGA driver
<cd>:\Common\LAN_driver\R8139_810x</cd>	LAN driver
<cd>:\Common\Ac97_codec\ADI\AD1881A</cd>	Audio driver
<cd>:\Common\INTEL\USB20</cd>	USB2.0 driver

B49 Mainboard

Folder/File	File Description
<cd>:\B49\B49.htm</cd>	B49 Driver list
<cd>:\Common\VIA\Chipset</cd>	Chipset driver
<cd>:\Common\VIA\VGA\CLE266</cd>	VGA driver
<cd>:\Common\LAN_driver\R8139_810x</cd>	LAN driver
<cd>:\Common\Ac97_codec\Realtek\ALC202A</cd>	Audio driver
<cd>:\Common\VIA\USB2.0</cd>	USB2.0 driver

2. I/O Function

2.1 POS 1000 Front View



2.2 POS 1000 Rear View



#	Function	#	Function	#	Function
1	Power & HDD Indicator	8	USB 1& 2	15	LAN
2	Key Lock	9 LPT		16	Audio (MIC & Line In & Line Out)
3	Power Button	10	PS/2 Keyboard	17	COM4
4	USB 3 & 4	11	PS/2 Mouse	18	DC Output 24V/2.0A
5	Slim CD-ROM	12	COM2	19	Cash drawer
6	Floppy Disc Drive	13	COM1	20	COM3
7	Compact Flash	14	VGA	21	AC Inlet

Note: DC output 24 V Pin Assignment



Pin	Assignment
1	NC
2	+ 24V DC
3	Ground

3. Specification

3.1 B69 & B79

Model	1691	1791					
МВ	B69 all-in-one Mainboard	B79 all-in-one Mainboard					
Core logic	Intel 82815E B-STEP GMCH &	Intel 82845GV GMCH &					
	82801BA ICH2	820801DB ICH4					
CPU	Intel socket 370 CPU Celeron	Intel socket 478 CPU Celeron /P4					
	/PIII FC-PGA/FC-PGA2	400/533 FSB with Hyper Threading					
		Technology support					
System memory	2x 168pin DIMM sockets	2 x DDR DIMM 200/266/333 up to					
	support 100/133 MHz SDRAM	2GB					
	up to 512MB						
BIOS	Award PnP BIOS						
Video display	Built-in GMCH	Built-in GMCH					
	Maximum resolution is up to	Maximum resolution is up to					
	1600x1200 pixels.	1920x1080 pixels.					
Video memory	The internal graphics device use share system main memory						
	structure and supports Intel Dyna	and supports Intel Dynamic Video Memory Technology					
	(D.V.M.T.). Intel D.V.M.T. dynar	nically responds to application					
	requirements by allocating the proper amount of displa						
	texturing memory taken from sys	stem memory by driver control.					
	1MB On-Chip Frame Buffer Size	For legacy OS, user control the					
	for legacy OS.	1MB/8MB On-Chip Frame Buffer					
		Size by BIOS SETUP.					
I/O controller	W83627HF x 1, W83697 HF x1						
LAN controller	Realtek RTL8100BL 10/100Mb fast Ethernet controller						
	Support Wake-On-LAN & boot fr	om LAN					
IDE controller	Built-in core logic support UDMA 33/66/100Mhz						
HDD connector	r Primary: 1x 40-pin 2.54 pitch						
	Secondary: 1x 44pin 2.0 pitch, 1x Compact Flash socket						
FDD connector	1x 34-pin 2.54 pitch						
Audio controller	AC'97 AD1881 (2ch)						
Expansion Slot 2x PCI slot							
M/B dimension 232x313mm							

I/O Port	Rear Panel:								
	1 x PS2 keyboard port								
	1 x PS2 Mouse port								
	2 x DB-9M RS-232 serial ports								
	(COM1/COM2, pin1 & 9 with 5V/12V power select)								
	1 x DB25F Parallel port								
	1 x DB15F VGA port								
	1 x RJ45 LAN port								
	2 x USB ports								
	1 x Line In,1 x Line out,1 x MIC								
	POS I/O port								
	1 x RJ11 cash drawer port								
	1 x 24V POS printer power port (max. 24V/2A)								
	2 x DB-9M RS-232 serial ports								
	(COM3/COM4, pin1 & pin9 with 5V/12V power selectable)								
	Front Panel:								
	1x Compact Flash socket								
	2x USB ports								
Storage Device	1 x 3.5" FDD drive								
	1 x 3.5" HDD drive bay								
	Optional:								
	1 x slim CD-ROM /CD-RW/DVD-ROM drive bay								
	1 x 3.5" HDD drive bay								
Power Supply	FT818000 internal ATX 180W								
System Dimension	300(w) x 335 (d) x 90 (h) mm without cable manage cover								
Thermal	CPU Cooler x1								
	Support hardware monitor for fan speed control and software throttling								
Customer Display	Optional: LED / VFD/ Graphic Customer Display								
	Pole height (9 /22 cm)								
EMC	FCC/CE Class B								
	CE mark: EN55022 / EN61000 -3-2 2000 / EN61000-3-3 / EN55024								
Safety	LVD: EN60950 2000								
Case Color	Computer white/ Silver black								
OS Support	Win98/2000/XP/NT 4.0,Linux								

3.2 B49

Model	1491						
M/B	B49						
Core Logic	VIA CLE266 (VT8623CE) North Bridge						
	VIA VT8235CD South Bridge						
	VIA Eden / C3 EBGA Processors						
	Support for VIA C3 EBGA processors						
CPU	133/100/66MHZ CPU Front Side BUS (FSB)						
	C3 EBGA 733 / 800 / 1.0G / 1.2G or High (Optional)						
	C3 EBGA 800 Standard to Use						
System Memory	2 x DDR266/200 DIMM up to 2Gbyte memory size						
BIOS	Award PnP BIOS						
Video Display	Integrated ProSavage8 2D/3D Video Accelerator						
	MPEG-2 video textures						
	2D/3D resolutions up to 1400 x 1050 x 32						
Video Memory	16/32/64 MB frame buffer using system memory						
I/O Controller	Winbond 83697HFx1, 83697HFx1, 83697UFx1						
LAN controller	Realtek RT8100BL 10/100Mb fast Ethernet controller						
	Support Wake-On-LAN and boot from LAN						
TV – Out	PAL / NTSC multi system support						
	VIA VT1622A TV Out (TV Encoder)						
	1 x 8pin-header support RCA /S-Video interface (Optional)						
HDD connector	Primary: 1x 40-pin 2.54 pitch						
	Secondary: 1x 44pin 2.0 pitch, 1x Compact Flash socket						
FDD connector	1x 34-pin 2.54 pitch						
USB Controller	VT8235 Integrated support USB2.0						
Audio controller	AC'97 Realtek ALC202A (2ch)						
Expansion Slot	2 x PCI slot						
M/B dimension	232 mm (W) x 314 mm (D)						
Storage Device	1 x 3.5" FDD drive						
	1 x 3.5" HDD drive bay						
	Optional:						
	1 x slim CD-ROM /CD-RW/DVD-ROM drive bay						
	1 x 3.5" HDD drive bay						
Power supply	FT818000 internal ATX 180W						
System dimension	300(w) x 335 (d) x 90 (h) mm without cable manage cover						
Thermal	CPU Cooler x1						
	Support hardware monitor for fan speed control and software throttling						
Customer Display	Optional: LED / VFD/ Graphic Customer Display						
	Pole height (9 /22 cm)						

ЕМІ	CE Class B								
	FCC Class B								
Safety	LVD: EN60950 2000								
I/O port	Rear Panel:								
	2 x USB 2.0 ports								
	1 x DB-25F Parallel port								
	1 x 1*6Pin Double PS2 Keyboard / Mouse port								
	2 x DB-9M RS-232 Serial port								
	1 x DB-15F VGA port								
	1 x RJ-45 LAN port								
	1 x Audio jacks: line-out								
	1 x Line In								
	1 x Line out								
	1 x MIC								
	POS I/O port								
	1 x RJ11 cash drawer port								
	1 x 24V POS printer power port (max. 24V/2A)								
	2 x DB-9M RS-232 serial ports								
	(COM3/COM4, pin1 & pin9 with 5V/12V power selectable)								
	Option1:								
	1 x 2 nd printer port on slot bracket								
	Option2:								
	2 x USB 2.0 ports (for slot user, support pin header)								
	Front Panel:								
	2 x USB 2.0 ports								
	1 x compact flash								
Case Color	Computer white/ Silver black								
OS Support	Windows 9x/ME/NT 4.0/2000/XP								
	Linux								

3.3 System Memory Combination

3.3.1 POS 1000 B69 M/B

RAM Size	128	256MB			512MB			
DIMM1	Х	128	128	256	Х	256	512	Х
DIMM2	128	Х	128	Х	256	256	Х	512

3.3.2 POS 1000 B79 M/B

RAM Size Slot	RAM Size 128MB		256MB			512MB			1024MB			2048MB
DIMM1	Х	128	128	256	Х	256	512	Х	512	1024	Х	1024
DIMM2	128	Х	128	Х	256	256	Х	512	512	Х	1024	1024

Note:

1. Optimal Combination

CPU system bus	400	533
DIMM	DDR 266	DDR 333

2. In B79 memory 2048MB combination, if you want to use double stack memory that your DIMM1 and DIMM2 all should be double stack memory.

3.3.3 POS 1000 B49 M/B

RAM Size Slot	128	MB	2	256MB			512ME	3		1024M	В	2048MB
DIMM1	Х	128	128	256	Х	256	512	Х	512	1024	Х	1024
DIMM2	128	Х	128	Х	256	256	Х	512	512	Х	1024	1024

4. Jumper Setting

4.1 B69 M/B



4.1.1 COM 1 Power S	Selection	* Default Setting
Pin	Function	JP1 (SHORT)
	*DCD#	1-2
1	VCC	3-4
	+12V	5-6
	*RI#	7-8
9	VCC	9-10
	+12V	11-12

4.1.2 COM 2 Power Selection

Pin	Function	JP2 (SHORT)
	*DCD#	1-2
1	VCC	3-4
	+12V	5-6
	*RI#	7-8
9	VCC	9-10
	+12V	11-12

4.1.3 Power Mode Selection

Function	JP3
*ATX Power	OPEN
AT Power	SHORT

4.1.4 CMOS Operation mode

Function	JP6
*CMOS Normal	OPEN
CMOS Reset	SHORT

4.1.5 Compact Flash Master/Slave Setting

Function		JP7
	*Master	OPEN
	Slave	SHORT
Note:	444	<i></i>

OPEN SHORT

4.2 B79 M/B



4.2.1 COM 1 Power Selection * Default Setting Pin Function JP1 (SHORT) *DCD# 1-2 1 VCC 3-4 +12V 5-6 *RI# 7-8 9 VCC 9-10 +12V 11-12

4.2.2 COM 2 Power Selection

Pin	Function	JP2 (SHORT)
	*DCD#	1-2
1	VCC	3-4
	+12V	5-6
	*RI#	7-8
9	VCC	9-10
	+12V	11-12

4.2.3 Power Mode Selection

Function	JP3
*ATX Power	OPEN
AT Power	SHORT

4.2.4 CMOS Operation mode

Function	JP6
*CMOS Normal	OPEN
CMOS Reset	SHORT

4.2.5 Compact Flash Master/Slave Setting

		•	
	Function	JP7	
	*Master	OPEN	
	Slave	SHORT	
Note:	OPEN	SHORT	

4.3 B49 M/B



4.3.1 COM1 Power Select		* Default Setting
Pin	Function	JP1(SHORT)
	*DCD#	1-2
1	+5V	3-4
	+12V	5-6
	*RI#	7-8
9	+5V	9-10
	+12V	11-12

4.3.2 COM2 Power Select

Pin	Function	JP2 (SHORT)
	*DCD#	1-2
1	+5V	3-4
	+12V	5-6
	*RI#	7-8
9	+5V	9-10
	+12V	11-12

4.3.3 Power Mode Setting

Function	JP3 (SHORT)	
* ATX Power	1-2	
AT Power	2-3	

4.3.4 CMOS Clear Selection

Function	JP6 (SHORT)	
* Normal	1-2	
Clear	2-3	

4.3.5 Compact Flash Master/Slave Setting

Function	JP7
* Master	SHORT
Slave	OPEN

Note:





4.4 POS I/O Board Jumper Setting

4.4.1 COM 3 Power Selection		* Default Setting
Pin	Function	JP4 (SHORT)
	*DCD#	1-2
1	VCC	3-4
	+12V	5-6
	*RI#	7-8
9	VCC	9-10
	+12V	11-12

4.4.2 COM 4 Power Selection

Pin	Function	JP3 (SHORT)
_	*DCD#	1-2
1	VCC	3-4
	+12V	5-6
9	*RI#	7-8
	VCC	9-10
	+12V	11-12

4.4.3 Cash Drawer Power Selection

Function	JP2 (SHORT)
24V	1-2
*12V	2-3

Note:





5. Driver Installation

5.1 B69 M/B

The following procedures are for Windows 98SE, other platforms are similar.

5.1.1 Chipset Driver Installation

Driver path: <CD>:\Common\INTEL\Chipset





a. Click "Intel_Chipset_4_20_1006" on the My Computer window.

b. Click "Next" button on the Welcome window.

X

•

Cancel



- c. Click "Next" button on the License Agreement window.
- d. Click "Next" button on the Read me Information window.



e. Click "Finish" and restart your system.

5.1.2 VGA Driver Installation Driver path: <CD>:\Common\INTEL\i815VGA





a. Click "Setup" on the My Computer window.

cense Agreement		
Please read the following license agreement	carefully.	
Press the PAGE DOWN key to see the rest	of the agreement.	
INTEL SOFTWARE LICENSE AGREEMEN IMPORTANT - READ BEFORE COPYING,	IT (DEM / IHV / ISV Distrib	ution & Single User) 📥
Do not use or load this software and any as until you have carefully read the following te Software, you agree to the terms of this Agr install or use the Software.	sociated materials (collectiv erms and conditions. By loac eement. If you do not wish t	ely, the "Software") ling or using the o so agree, do not
Do not use or load this software and any as until you have carefully read the following te Software, you agree to the terms of this Agr install or use the Software. Please Also Note: " If you are an Original Equipment Manufact	sociated materials (collectiv erms and conditions. By load eement. If you do not wish t turer (OEM), Independent H	ely, the ''Software'') ling or using the o so agree, do not ardware Vendor
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c. Click "Next" button on the License Agreement window.

b. Click "Next" button on the Welcome window.



d. Click "Finish" and restart your system.

5.1.3 LAN Driver Installation

Driver path: <CD>:\Common\Lan_driver\R8139_810x)



a. Click "Setup" on the My computer windows.



b. Click "Finish" button on the Maintenance complete window.

Restarting Windows	
Setup has finished copying files to your compute use the program, you must restart your computer	r. Before you can
Choose one of the following options and click O	K to finish setup.
 Yes, I want to restart my computer now No, I will restart my computer later. 	1
	OK

c. Click "OK" to restart the system.

5.1.4 Audio Driver Installation

Driver path: <CD>:\Common\Ac97_codec\ADI\AD1881A



a. Click "Next" button on the Add New Hardware Wizard window.



b. Click " Next" on the Add New Hardware Wizard window.





c. Browse the driver path and Click "Next" button.

d. Click "Next" button on the Add New Hardware Wizard window.



e. Click " Finish" button on the Add New Hardware Wizard window.

5.2 B79 M/B

The following procedures are for Windows 2000, other platforms are similar.

5.2.1 Chipset Driver Installation

Driver path: <CD>:\Common\INTEL\Chipset





a. Click " Intel_Chipset_4_20_1006" on the b. Cli My computer windows.



c. Click "Yes" button on the License Agreement window.



e. Click "Finish" to restart the system.

b. Click "Next" button on the Setup window.

Setup		×
Readme Information		
Readme.txt		
 Product: Intel(R) Chipset Softwar Release: Production Validation Version: 4, 20, 1006 Target Chipsett: Intel(R) P43004 Date: Septemeber 03, 2002 For the list of supported chipsets 	M Chipset	1
* CONTENTS OF THIS DOCUME	NT	
InstallShield	<u> ≪ B</u> ack <u>Next></u>	Cancel

d. Click "Next" button on the ReadME window.

5.2.2 VGA Driver Installation

Driver path: <CD>:\Common\INTEL\i845VGA







b. Click "Next" button on the Welcome window.

Intel(R) Extreme Graphics Driver Software Setup	Intel(R) Extreme Graphics Driver Software Setup
License Agreement Please read the following license agreement carefully.	InstallShield(R) Wizard Complete
Press the PAGE DOWN key to see the rest of the agreement.	The InstallShield[R] Wizard has successfully installed Intel[R] Extreme Graphics Driver Software. Before you can use the program, you must restart your computer.
INTEL SOFTWARE LICENSE AGREEMENT (OEM / IHV / ISV Distribution & Single User) IMPORTANT - READ BEFORE COPYING, INSTALLING OR USING. Do not use or load this software and any associated materials (collectively, the "Software") until you have carefully read the following terms and conditions. By loading or using the Software, you agree to the terms of this Agreement. If you do not wish to so agree, do not install or use the Software. Please Also Note: *I f you are an Driginal Equipment Manufacturer (OEM), Independent Hardware Vendor Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Intel[R] Extreme Graphics Driver Software, you must accept this agreement	• No, I will restart my computer now • No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
nstallShield	KBack Finish Cencel
Click "Ves" button on the License	d Click "Finish" to restart the system

- c. Click "Yes" button on the License Agreement window.
- d. Click "Finish" to restart the system.

5.2.3 LAN Driver Installation

Driver path: <CD>:\Common\LAN_driver\R8139_810x)



 b. Click "Next" button on the Welcome window. X





c. Click "Finish" on the LanSetup window.

5.2.4 Audio Driver Installation

Driver path: <CD>:\Common\Ac97_codec\ADI\AD1881A



a. Click "Next" button on the Add New Hardware Wizard window.



b. Click " Next" on the Add New Hardware Wizard window.





c. Browse the driver path and Click "Next" button.

d. Click "Next" button on the Add New Hardware Wizard window.



e. Click " Finish" button on the Add New Hardware Wizard window.

5.3 B49 M/B

The following procedures are for Windows XP, other platforms are similar.

5.3.1 Chipset Driver Installation Driver path: <CD>:\Common\VIA\Chipset)



a. Click "VIAHyperion4in1453v" on the My computer window.



b. Click "Next" button on the Welcome window.



c. Click "Yes" button on the ReadME window.



d. Click "Next" button on the 4in1 Setup Mode Option window.



e. Click "Next" button on the Setup Component window.



f. Click "Next" button on the VIA PCI IDE Bus Driver window.



- g. Click "Next" button on the VIA_GART AGP Driver window.
- h. Click "OK" button to restart the system.

OK

5.3.2 VGA Driver installation Driver path: <CD>:\Common\VIA\VGA\CLE266)



a. Click "Setup" on the My computer window.



c. Click "Next" button on the Start Copying Files window.



e. Click "Finish" button to restart the system.



b. Click "Next" button on the Welcome window.

Hardw	are Installation
<u>.</u>	The software you are installing for this hardware: VIA/S3G UniChrome IGP
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway
d Cli	ck "Continue Anyway" button on the

d. Click "Continue Anyway" button on the Hardware Installation window.

5.3.3 LAN Driver Installation

Driver path: <CD>:\Common\LAN_driver\R8139_810x)



a. Click "Setup" on the My computer window.



b. Click "Next" button on the Welcome window.



c. Click "Finish" button on the LanSetup window.

5.3.4 Audio Driver Installation

Driver path: <CD>:\Common\Ac97_codec\Realtek\ALC202A)



a. Click "wdm_a3631" on the My computer window.



c. Click "Continue Anyway" button on the Hardware Installation window.

Realtek AC'97 Audio Setup (4.99)	
Welcome to the InstallShield Wizard for Realtek AC'97 Audio The InstallShield® Wizard will install Realtek AC'97 Audio on your computer. To continue, click Next.	
< <u>Back</u> Cancel	

b. Click "Next" button on the Welcome window.

Realtek AC'97 Audio Setup (4.99)	
	InstallShield Wizard Complete Setup has finished installing Realtek AC'97 Audio on your computer. • Yes, I want to restart my computer now • No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
	< <u>₿</u> ack Finish Cancel

d. Click "Finish" button to restart system.

5.3.5 USB 2.0 Driver Installation Driver path: <CD>:\Common\VIA\USB2.0)



a. Click "Setup" on the My computer window.



b. Click "Next" button on the Welcome window.

Select Components	Question
Instal USB 2.0 Driver Uninstal USB 2.0 Driver	Warning message: In order to complete the entire driver installation, this setup program will restart your system automatically. Do you want to continue? Yes
< <u>B</u> ack <u>N</u> ext> Cancel	

c. Click "Next" button on the Setup Component window.

d. Click "Yes" button to restart system.

6. Installation Cable Cover



a. Loosen the four screws (4mmx3, 6mmx1 (32UCN)).



b. Insert the screw (8mm) into the plastics.



c. Lock the two screws.



d. Lock the brackets with 6 mm screws.





e. Installation the cable cover.



f. Finished.

7. Installation the CPU Cooler

(Note: Only for B79 Mainboard)



a. Loosen the four screws to release the vent tube.





- b. Combination the CPU cooler and vent tube.
- c. Connection the CPU cooler connector.



d. Lock the four screws on the Mainboard.



8. Installation Cash Drawer

You can install a cash drawer through the Cash Drawer port.

8.1 Cash Drawer Pin Assignment

Pin	Signal
1	GND
2	DOUT bit0
3	DIN bit0
4	12V/24V
5	DOUT bit1
6	GND

Data out address (200h) Data in address (201h)

8.2 Cash Drawer Controller register

The Cash Drawer Controller use two I/O addresses to control Cash Drawer –Cash Drawer Control Register and Cash Drawer Status Register.

8.2.1 Cash Drawer Control Register

Register Location:	200h
Attribute:	Write only
Size:	8bit



- Bit 7-2: Reserved
- Bit 1: Cash Drawer "DOUT bit1" pin output control.
 - = 1: Opening the Cash Drawer
 - = 0: Allow close the Cash Drawer
- Bit 0: Cash Drawer "DOUT bit0" pin output control.
 - = 1: Opening the Cash Drawer
 - = 0: Allow close the Cash Drawer
- Note: Please follow the Cash Drawer control signal design to control the Cash Drawer. Suggest control the bit1/0 at the same time.

8.2.2 Cash Drawer Status Register

Register Location:	201h
Attribute:	Read only
Size:	8bit



Bit 7-1: Reserved

Bit 0: Cash Drawer "DIN bit0" pin input status.

- = 1: the Cash Drawer opened or not exist.
- = 0: the Cash Drawer closed.

8.3 Cash Drawer control command example

Use Debug.EXE program under DOS or Windows98

	Command	Cash Drawer
	O 200 01	Opening
	O 200 00	Allow to close
	Set the I/O address 200h b	bit0 =1 for opening Cash Drawer by "DOUT bit0" pin control.
\triangleright	Set the I/O address 200h bit0 = 0 for allow close Cash Drawer.	

Command		Cash Drawer
	l 201	Check status
	The I/O address 201h bit0	=1 mean the Cash Drawer is opened or not exist.
\triangleright	The I/O address 201h bit0	=0 mean the Cash Drawer is closed.

9. Notices

9.1 Maximum dimension of Interface card

(Maximum dimension of Interface card: 183 mm x 104 mm)

