



E-Pos 1000 (P3) / E-Pos Cel
User Manual

TABLE OF CONTENTS

Introduction	-	2
Table of Contents	-	3
Location	-	4
Do's & Don'ts	-	5
Accessories	-	6
Input /Output Function	-	7
Specifications	-	9
Jumper Settings	-	10



LOCATIONS

Corporate Head Quarters

Middle East	E-PoS International LLC P.O.Box 12608 Dubai, UAE	Tel: +9714-3523288 / 3512861 Fax: +9714-3513396 Email: eposintl@emirates.net.ae
--------------------	---	--

South East Asia Head Quarters

South Asia	East	E-PoS International Nasik-Pune Road Ayodhya Nagri Nasik, Maharashtra India	Tel: +91-253-2411806 Fax: +91-252-2415295 Email: pradeepw@sancharnet.in
-----------------------	-------------	---	--

DO'S & DON'TS

(Integrated circuits on All E-PoS System boards are sensitive to static electricity. To avoid damaging any Components on the computer board, before getting started, read these following precautions and other instructions and save them for later reference).

- i. Do not remove the computer from the anti-static Packaging until you are ready for installation.
- ii. Make sure the voltage of the power source is correct before connecting the computer to the power outlet, (110~220 volts).
- iii. Connect Rubber Legs provided to avoid damaging Cabinet Cover and Door, (where provided).
- iv. Do not change any Hardware Devices online when System or the device is on and running, because the sudden surge of power may ruin any sensitive components. Also make sure the computer is properly grounded.
- v. Turn off the computer before cleaning. Always clean with a damp or dry cloth only. Do not spray any liquid cleaner on screen directly.
- vi. The power outlet socket used to plug in the computer power cord must be located near the system and easily accessible. Do not use outlets on the same circuit of the system that regularly switch on and off.
- vii. If the computer is sharing an extension cord with other devices, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating.
- viii. Do not expose the power cord, extension cord and power outlet to moisture.
- ix. The openings on the computer enclosure are for the cabin ventilation to prevent the computer from overheating. **DO NOT COVER THE OPENINGS.**
- x. Do not connect any devices to Powered COM Ports (5V/12V), other than the devices that take power from Powered COM Ports to avoid damaging the Device.
- xi. Any Hardware upgrades or changes to be made are to be informed, and do not tamper with Serial Nos. and Warranty Seals, to avoid Warranty Void.
- xii. If the computer is not equipped with an operating system. An operating system must be loaded first before installing any software into the computer.
- xiii. If the computer is equipped with a touch panel, avoid using sharp objects to operate the touch panel. Scratches on the touch panel may cause mal-calibration or non-function to the panel.
- xiv. The LCD panel display is not subject to shock or vibration. When assembling the computer, make sure it is securely installed.
- xv. Choose an Ideal dust free location and reliable surface for the System with proper ventilations.

ACCESSORIES

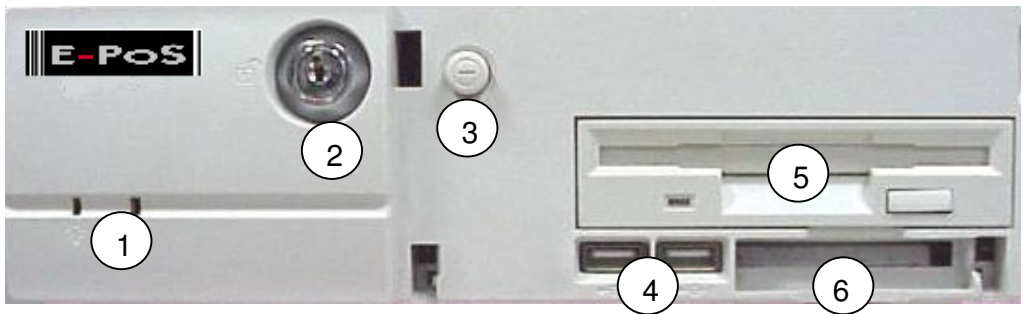
1. Warranty Card.
2. Power Cable.
3. Driver Bank CD.
4. Keys.
5. CD – ROM (Optional only for 1000 (P3) series).

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

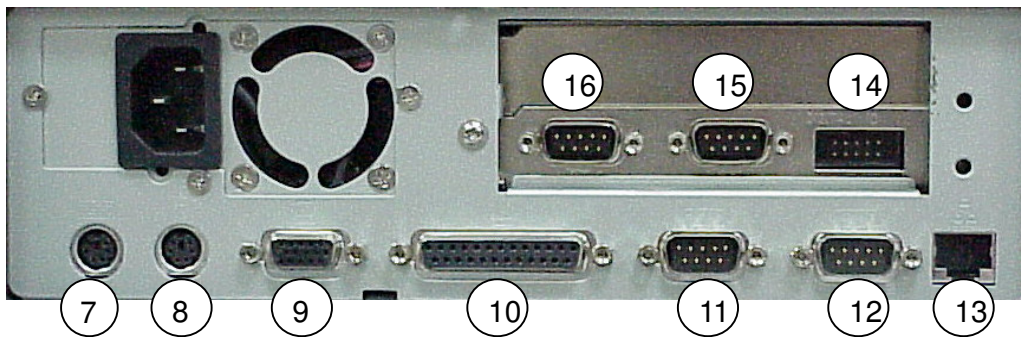
Folder	Driver	Function
Common	CDROMDrv	CDROM driver installation (for DOS)
	LAN_drive	LAN driver installation
B63	VGA	VGA driver installation

INPUT / OUTPUT FUNCTIONS

2.1 E-POS Cel Front View



2.2 E-POS Cel Rear View

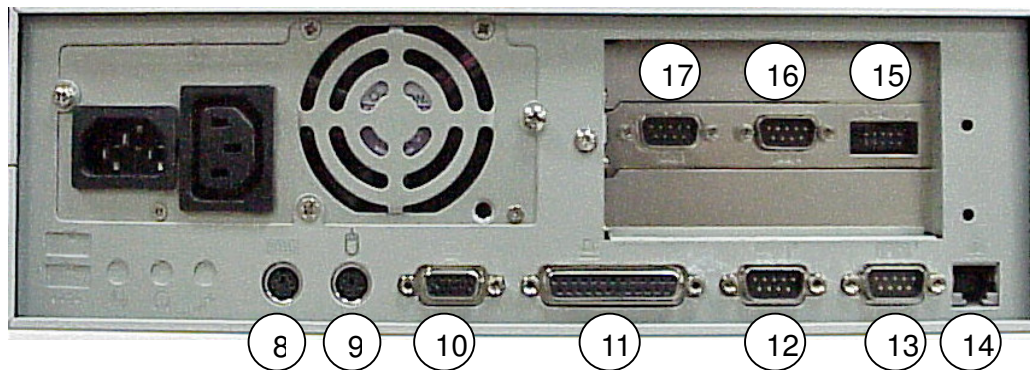


#	Function	#	Function	#	Function
1	Power/HDD Indicator	7	PS/2 Keyboard	13	LAN
2	Key Hole	8	PS/2 Mouse	14	DIO
3	Power Button	9	VGA	15	COM4
4	USB1/2	10	LPT	16	COM3
5	Floppy Disc Drive	11	COM2		
6	Compact Flash	12	COM1		

2.3 E-POS1000 Front View



2.4 E-POS1000 Rear View



#	Function	#	Function	#	Function
1	Power/HDD Indicator	7	Compact Flash	13	COM1
2	Key Hole	8	PS/2 Keyboard	14	LAN
3	CD-ROM Drive	9	PS/2 Mouse	15	DIO
4	Floppy Disc Drive	10	VGA	16	COM4
5	Power Button	11	LPT	17	COM3
6	USB1/USB2	12	COM2		

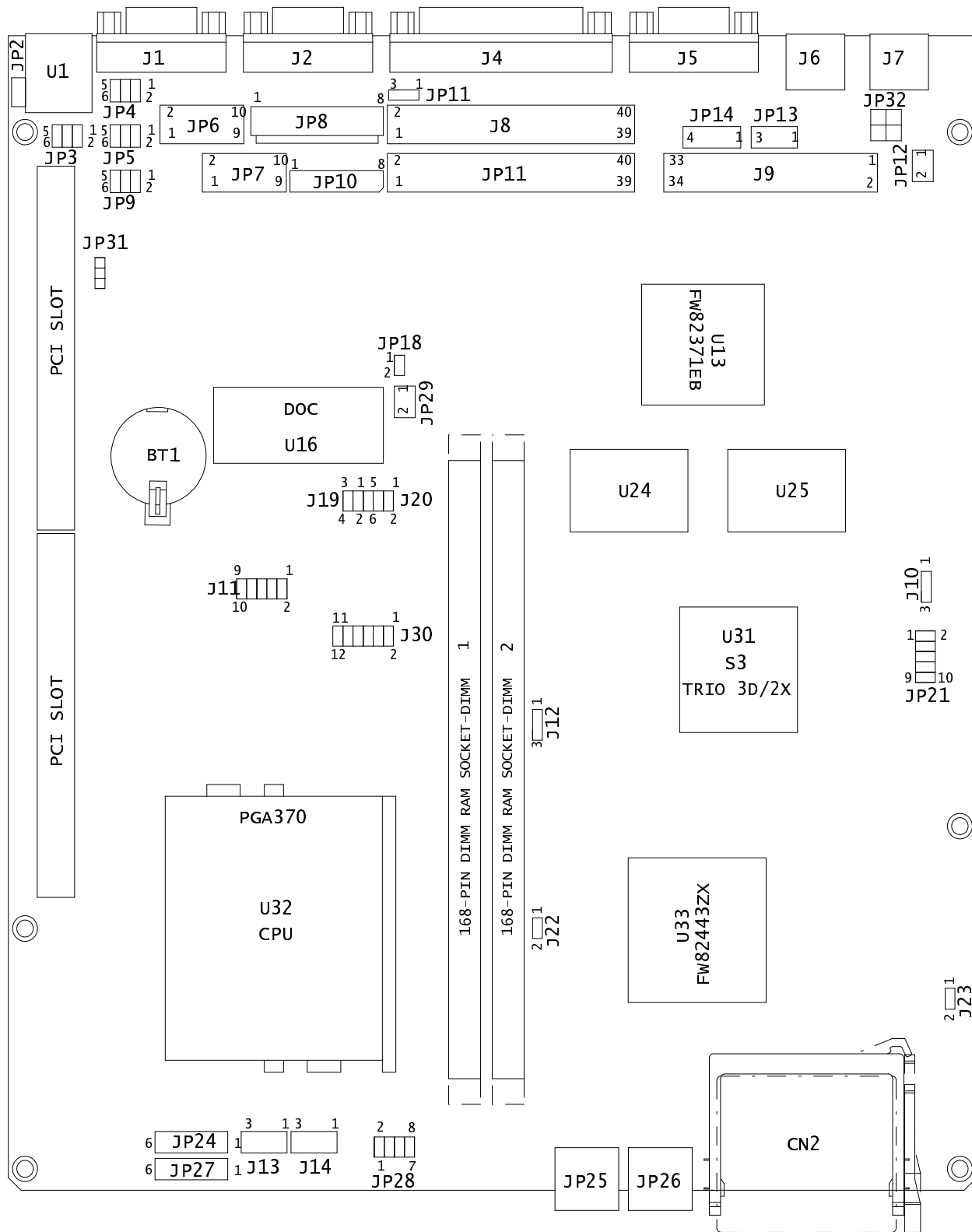
Before plug-in power cord & power on, please make sure your regional power system 110V or 220V, and set up right dip switch.

SPECIFICATIONS

MODEL	1631/4631
B/M	B63
CPU	Intel socket 370 CPUs Celeron /PIII PPGA/FC-PGA
Co-processor	Built-in CPU
Internal Cache	Built-in CPU
External Cache	Built-in CPU
System RAM	2x 168pin DIMM sockets, support 16 / 32 / 64 / 128 /256 MB
BIOS	AWARD PnP BIOS
Core Logic	Intel FW82443BX
Video Display	S3 Trio 3D AGP
Video RAM	4MB SGRAM
Video Display port	15-pin D-SUB female VGA x 1
HDD Controller	40-pin 2.54 pitch IDE pin-header x 1
FDD Controller	SMSC37C602, 34-pin 2.54mm pitch pin-header x 1
I/O Port	9-pin D-SUB RS232 FIFO Serial x 2 10-pin header support COM3/COM4 x 2 25-pin D-SUB Parallel (SPP/EPP/ECP) x 1
Keyboard & Mouse	PS2 Keyboard x 1, Mouse x 1
LAN	Optional LAN Rising Card
USB	USB x 2
ROM disk	Disk On Chip Socket supported
Compact Flash	Compact Flash Socket Supported
Expansion Slot	1 EISA Bus Slot for system expansion slot used
Power Supply	Internal AT -FT-8075 75W (5V/8.5A, 12V/2.4A, -12V/0.3A,) -Optional FT-8075E 1202 ((5V/6A, 12V/2A, -12V/0.3A, 24V/2A,)

The content of this specification is subject to change without notice.

JUMPER SETTINGS



4.1 CPU Frequency Selection *Factory Default

CPU Clock	PCI Clock	JP30			
		FS0	FS1	FS2	FS3
100.3MHz	33.43MHz	1-3	7-9	2-4	10-12
66.8MHz	33.40MHz	1-3	7-9	4-6	10-12

4.2 M-System Disk On Chip Address

Address	JP19	JP20
*0C800-0C9FF	1-2	1-2
0CC00 - 0CDFF	3-4	1-2
0D000 - 0D1FF	1-2	3-4
0D400 - 0D5FF	3-4	3-4
0D800 - 0D9FF	1-2	5-6
0DC00 - 0DDFF	3-4	5-6

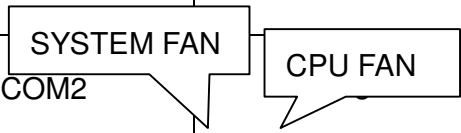
4.3 CMOS Operation mode

Function	J12
*CMOS Normal	2-3
CMOS Reset	1-2

4.4 ATX / AT power mode

Function	JP18	J3
AT power supply 4000 series : FT-8050 AT Internal Power Supply 1000 series: FT-8075 AT Internal Power Supply	Close	1-2
ATX power supply	Open	2-3

4.5 COM Port Jumper Setting

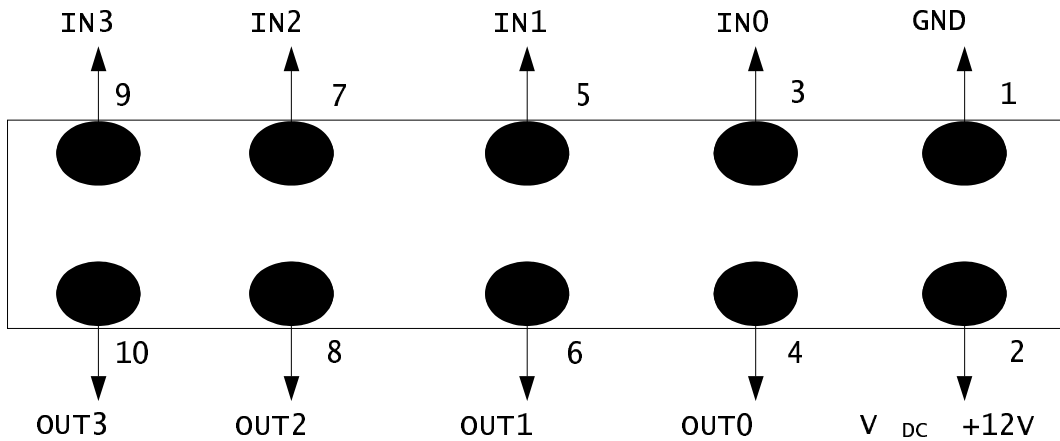
COM Port	Pin 1
COM1 JP4 	1-2
	3-4
	5-6
COM2	1-2
	3-4
	5-6
COM3 JP9	1-2
	3-4
	5-6
COM4 JP5	1-2
	3-4
	5-6

4.6 Digital I/O (4 Output & 4 Input): J11

This main board provides the basic digital I/O signal Controller. User can develop the program and extra controller to open and detect the cash drawer that based on the digital

4.6.1 I/O function on this main board.

Pin	Assignment	Pin	Assignment
1	GND	6	Out 1
2	VDC +12V	7	IN 2
3	IN 0	8	Out 2
4	Out 0	9	IN 3
5	IN 1	10	Out 3



4.6.2 Digital output programming

Output	Address	Bit
Out 0	206	0
Out 1	206	1
Out 2	206	2
Out 3	206	3

The output signal has to be TTL compatible.

4.6.3 Digital input programming

Input	Address	Bit
IN 0	206	0
IN 1	206	1
IN 2	206	2
IN 3	206	3

The input signal has to be TTL compatible.

4.7 Watch Dog Time Programming

4.7.1 Watch Dog Address:

Input / Output	Address	
Output	205H	Watch Dog ON
Input	205H	Watch Dog WDI
Input	204H	Watch Dog OFF

4.7.2 Watch Dog Time Setting: JP1

Time	JP1		
	1-2	3-4	5-6
0.1 sec	ON	ON	ON
0.5 sec	ON	ON	OFF
1.0 sec	ON	OFF	ON
*1.6 sec	ON	OFF	OFF
10 sec	OFF	ON	ON
1 min	OFF	ON	OFF
10 min	OFF	OFF	ON
1hr	OFF	OFF	OFF

4.8 Compact Flash CS Selection

Function	JP23
*Master	OFF
Slave	ON

4.9 Card Reader Selection

Function	JP32
*Serial	1-2, 3-4 ON
Keyboard	1-2, 3-4 OFF

4.10 PCI VSB Selection

Function	JP31
*User 5VSB	2-3
User 3VSB	1-2

E-Pos International LLC, P.O .Box No.12608, Dubai, U .A .E,
Tel.No. (+9714) 3523288, Fax.No. (+9714) 3513396,
E-M ail: eposintl@emirates.net.ae