

TX-2000/2100
Fanfree POS Box User Manual

POSIFLEX



Package Contents

- ✓ TX-2000/2100 POS box (x 1)
- ✓ 12VDC/40W power adaptor (x 1)
- ✓ Power cord (x 1)
- ✓ User manual (x 1)

Product Features

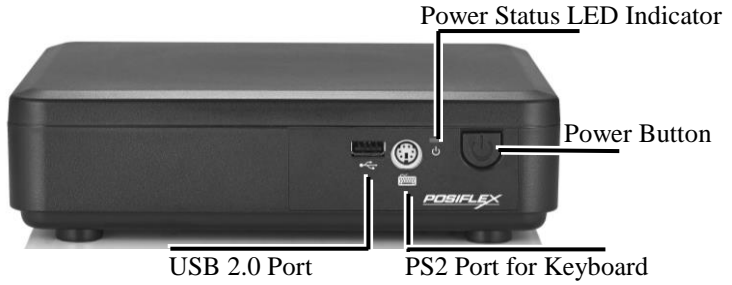
- ✓ Compact size to suit various applications
- ✓ Optional internal Wi-Fi
- ✓ 6 USB 2.0 external ports
- ✓ Dual DSub VGA port
- ✓ Fan-less system

14560900040 Ver. B0

<http://www.posiflex.com>

Views of the TX-2000/2100

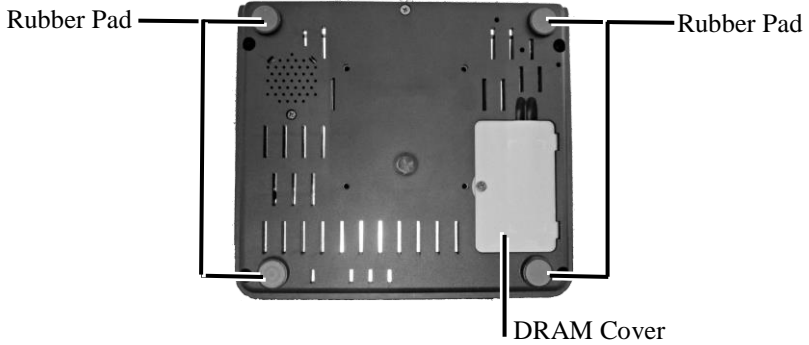
Front View



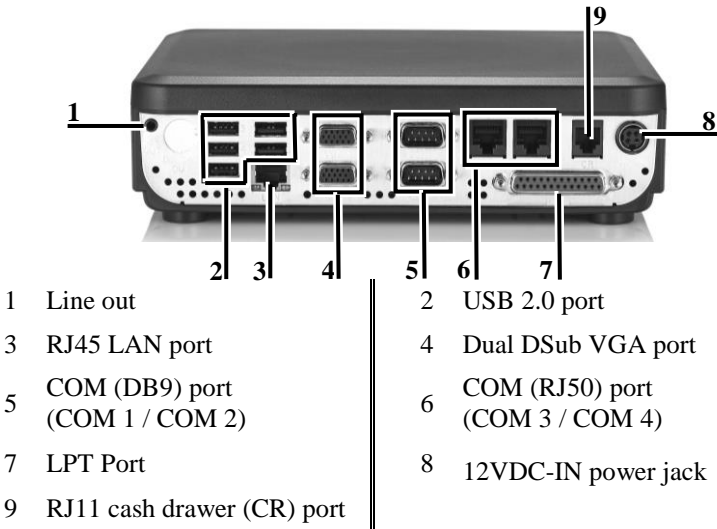
Rear View



Bottom View



View of Rear I/O Interface of TX-2000/2100



Connecting Power Adapter and I/O Cables

To have the terminal ready for operation, please connect the connector of power adapter and all of the connectors of required I/O cables respectively to the 12VDC-IN power jack and appropriate I/O ports. Please make sure that each of the cables is fully connected to the correct port. Damages due to incorrect connection or orientation are not covered by product warranty!

Some cable connectors like the connectors of COM (RJ50) or LAN or cash drawer (CR) cables have to be gently inserted until a click sound is given. It is recommended that the I/O ports, such as COM (DB9) port and VGA port, should be fastened with connector thumb screws after the I/O cable connectors are completely connected. And please make sure that each connector has to be connected to the right peripheral device in the right way.

CAUTION: On doing insertion or extraction of a cable connector, please always hold the connector head itself instead of pulling the cable wire. Doing this could damage the cables, which is considered as an artificial damage and is not covered by the warranty.

Note: The COM ports of TX-2000/2100 do not supply power by default. To make the COM ports supply 5VDC or 12VDC power, you can set up the COM ports through jumper setting.

The VGA port of TX-2000/2100 can supply +12VDC power through jumper setting for Posiflex LCD monitor. Nevertheless, except Posiflex peripheral device, do not connect any other device to this port.

Installing Optional Peripheral Devices

Posiflex TX-2000/2100 can work with multiple optional peripheral devices, such as LCD monitor, cash drawer and the like.

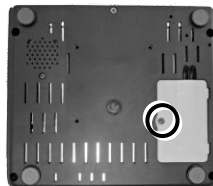
Before installing an optional peripheral device, make sure that the system is powered off and the external power source is removed from the POS box to prevent electric hazard! Failure to follow the warning description will void the product warranty!

For the detailed instruction, refer to each of the user manuals of the optional peripheral devices.

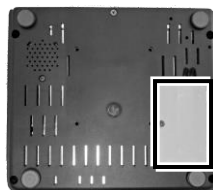
Memory Upgrade

The TX-series system is provided with a DRAM slot for you to expand or replace memory. Before shipping, a DRAM memory has been inserted into the slot of the main board. To expand or replace memory, follow 3 steps below.

1. Loosen and remove the screw from the DRAM cover.



2. Remove the DRAM cover.



3. Replace the existing memory module.

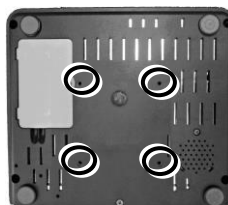
To avoid users from damaging the main board of the system, it is highly recommended that the memory expansion and replacement are implemented by professional technicians.

Mounting the TX-2000/2100 on the Wall (Optional)

1. Fix the wall mount bracket onto the wall by using attached plastic anchors and screws.



2. Do spiral insertion of 4 screw bolts into the 4 screw bolt holes.



3. Lineup the 4 screw bolts to be inserted into the 4 tracks. Then slide downwards the system along the track until a click sound is given for completely mounting the system with the bracket on the wall.



For detailed installation description, please refer to the WB-4200 bracket installation guide.

Powering ON TX-2000/2100

Then press the power button to power on the TX-2000/2100. To power it off, press the button again.



Once powering off the system, if you want to power it on again, please wait at least 3 seconds.

If the system hangs due to a reason, such as software resource conflict, please press and hold the power button for 10 seconds around to forcibly shut down the system.

Power Status LED Indicator

There is a power status LED indicators on the front side of the TX-2000/2100. After powering ON the TX-2000/2100, you can read the system operation status from the power status LED indicator. The power LED status is described below.

LED	Status	Description
POWER	Solid green	System power ON
	Solid red	System standby

Installing an Operating System

This product is highly professional equipment. Therefore, we do NOT encourage you to install any operating system into this machine without professional assistance. Posiflex Technology, Inc. shall not be responsible for any technical support to questions on this aspect. We suggest that you contact your dealer for OS installation.

Operating System Recovery

For the TX-2000/2100 main system preloaded with an operating system on HDD or SSD, Posiflex provides a recovery DVD shipped with the main system for the preloaded operating system. The system integrator shall take care of software restoration after the OS is recovered.

If you plan to recover your operating system, we do NOT encourage you to recover any operating system by yourself. Please contact your service center for operating system recovery.

Operation Environment

Do NOT operate this terminal in an environment of poor ventilation. During operation of the terminal, to avoid this terminal from overheating, keep at least proper air clearance away from this terminal for adequate air traffic.

Specifications

	TX-2000	TX-2100
Processor	Intel® Baytrail-D, N2807	Intel® Baytrail-D, J1900
System Memory	DDR3L SO-DIMM socket x 1, up to 4GB	
Storage Device	1 x SATA + 1 x eMMC connector + 1 x MSATA Slot	1 x SATA port + 1 x eMMC connector
Power Supply	12V/40W, capable of being upgraded to 12V/60W or 12V/80W	
OS support	POSReady 7 / Windows 7 / WIN 8.1 Industry / Windows 10 IoT / DOS	
BIOS	INSYDE	
Serial Port	2 x DB-9 ports+ 2 x RJ-50 ports	
Parallel Port	1 x DB-25 connector	
Standard USB Port	6 x USB 2.0 External Ports+ 1 x USB 2.0 Internal Port	
LAN Port	1 x 10/100/1000 Mb	
Display Port	2 x VGA port	
CR Port	1 port, controlling 1 CR	
PS/2 Port	1 port, on the front panel	
DC Jack	1 port	
Expansion Slot	1 x PCIe	
Audio	Line out	
mini-PCIe	mini-PCIe slot for WIFI module	
LED Indicator	Bi-color power status LED indicator	
WIFI/BT	802.11 b/g/n (WIFI + BT combo card for optional with two antenna sets)	
Environmental Requirements	Operating : 0°C - 40°C, 20%RH - 90%RH (Equipped with HDD) Storage : -20°C - 70°C, 10%RH - 90%RH	

※ The product information and specifications are subject to change without prior notice. To get the detailed information on TX-2000/2100, please check this model from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>).