

TX-2300-G2/TX-2300E-G2
Fanless POS Box
User Manual



Package Contents

- ✓ POS box.....(x 1)
- ✓ Power adaptor.....(x 1)
- ✓ Power cord.....(x 1)

SOME IMPORTANT NOTES

FCC NOTES

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.

CE CLASS A WARNING

This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

AVERTISSEMENT CE CLASSE A

Cet équipement est conforme à la classe A de CISPR 32. Dans un environnement résidentiel, cet équipement peut provoquer des interférences radio.

WARRANTY LIMITS

Warranty will terminate automatically when the machine is opened by any person other than the authorized technicians. The user should consult his/her dealer for the problem happening. Warranty voids if the user does not follow the instructions in application of this merchandise. The manufacturer is by no means responsible for any damage or hazard caused by improper application.

LIMITES DE GARANTIE

La garantie prend fin automatiquement lorsque la machine est ouverte par une personne autre que les techniciens autorisés. L'utilisateur doit consulter son revendeur pour le problème qui se produit. La garantie s'annule si l'utilisateur ne suit pas les instructions d'application de cette marchandise. Le fabricant n'est en aucun cas responsable de tout dommage ou danger causé par une mauvaise application.

TX-2300(E)-G2 Ver. A0

警告使用者

為避免電磁干擾，本產品不應安裝或使用於住宅環境。

SAFETY INSTRUCTIONS

This equipment is not suitable for use in locations where children are likely to be present.

CONSIGNES DE SÉCURITÉ

Cet équipement ne convient pas à une utilisation dans des lieux pouvant accueillir des enfants.

WARNING

Power cord shall be connected to a socket-outlet with earthing connection.

ATTENTION

Le cordon d'alimentation doit être connecté à une prise de courant avec mise à la terre.

BATTERY WARNING

Risk of explosion if battery is replaced by an incorrect type. Dispose of expended battery in accordance with local disposal regulations.

AVERTISSEMENT DE BATTERIE

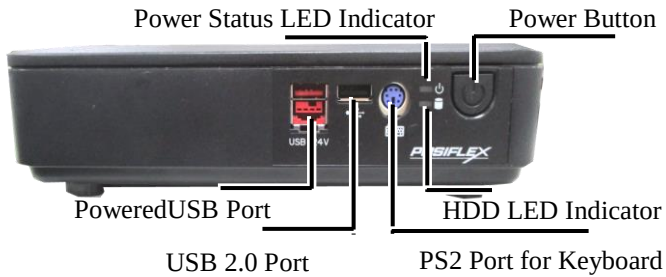
Risque d'explosion si la batterie est remplacée par un type incorrect. Jetez la batterie usagée conformément aux réglementations locales en matière d'élimination.

警告

本電池如果更換不正確會有爆炸的危險，請依製造商說明書處理用過之電池。

Views of the TX-2300E-G2

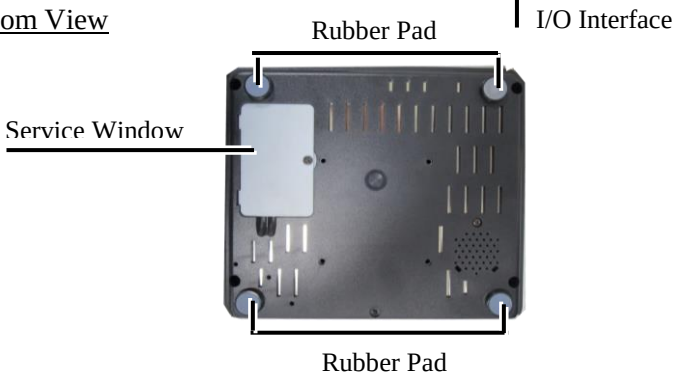
Front View



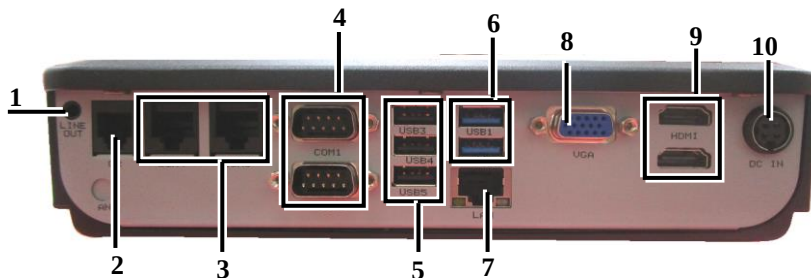
Rear View



Bottom View



View of Rear I/O Interface of TX-2300-G2/2300E-G2



- | | | | |
|---|-------------------------|----|----------------------|
| 1 | Mic-in & Line-out Combo | 2 | CR port (RJ10) |
| 3 | COM ports (RJ50) | 4 | COM ports (DB9) |
| 5 | USB 2.0 ports | 6 | USB 3.0 ports |
| 7 | LAN port (RJ45) | 8 | VGA port |
| 9 | HDMI ports | 10 | 12 VDC-IN power jack |

Connecting Power Adapter and I/O Cables

Please follow the steps described below to connect power adapter and I/O cables.

1. Connect power adapter to DC-IN power connector on the I/O plate



2. Connect another end of power adapter to the electrical outlet.

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 and ports, which is considered as an artificial damage and is not covered by the warranty. The means of power cord should be connected to a socket-outlet with earthing connection.

ATTENTION: Lors de l'insertion ou de l'extraction d'un connecteur de câble, veuillez toujours tenir la tête du connecteur elle-même au lieu de tirer le fil du câble. Cela pourrait endommager les câbles, ce qui est considéré comme un dommage artificiel et n'est pas couvert par la garantie. Le cordon d'alimentation doit être connecté à une prise de courant avec mise à la terre.

Mounting the TX-2300-G2/2300E-G2 on the Wall (Optional)

Please follow the steps described below to mount TX-2300-G2/2300E-G2 onto the wall using WB-4200 wall-mount kits.

1. Refer to WB-4200 installation guide to fix the wall mount bracket onto the wall using plastic anchors and screws.



2. Insert four screw bolts into the 4 screw bolt holes.



3. Align 4 screw bolts to four mounting holes of the wall-mount bracket as shown in the figure. Then slide down the system along the rail until it is locked into place with a click sound.



Powering ON/OFF TX-2300-G2/2300E-G2

Power ON TX-2300-G2/2300E-G2

Press down the power button to power on TX-2300-G2/2300E-G2.

Power OFF TX-2300-G2/2300E-G2

In most cases, push the power button again to power off the system. However, if TX-2300-G2/2300E-G2 halts for unknown reasons, please be advised to hold the power more than 10 seconds to initiate a forced shutdown.



Power Status LED Indicator

Power LED indicator is mainly responsible for notifying users of the current system status by emitting various LED signals. The chart provided below will offer helpful information that you need to interpret LED status.

LED	Status	Description
Power	Solid green	System power ON
	Solid red	System standby
Storage	Flash green	Data access

Installing Optional Peripheral Devices

TX-2300-G2/2300E-G2 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. For the detailed instruction, refer to each of the user manuals of the optional peripheral devices.

Installing an Operating System

You are highly advised not to install an operating system on TX-2300-G2/2300E-G2 without professional instructions. Improper installation could lead to system malfunction or failure. Please contact with your dealers about the issues of operating system installation.

Driver Download

If your POS terminal is shipped without OS pre-installed, please download the relevant driver that you need from the Posiflex website

(<https://download.posiflex.com/en-global/Download/index/driver/POS-Box/TX-2300-G2>).

Operating System Recovery

For TX-2300-G2/2300E-G2 models with preloaded operating systems, you are not encouraged to recover your system without the help of system integrators. Please be advised to contact your service center for further assistance with system recovery.

Operation Environment

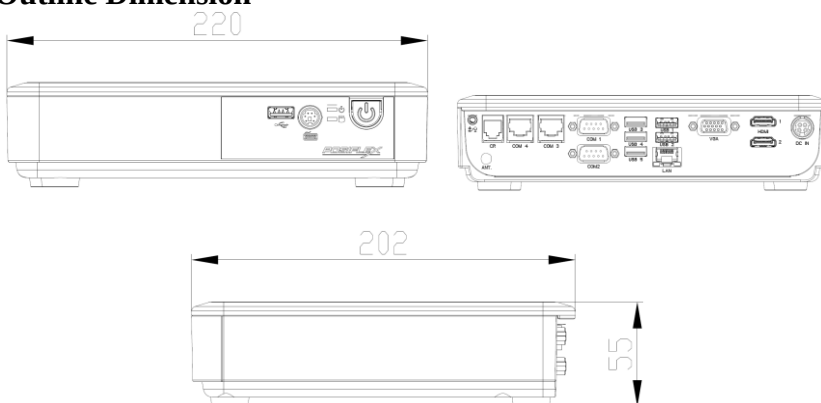
To prevent TX-2300-G2/2300E-G2 from overheating, it is suggested to position your terminal in a well-ventilated working environment. In doing so, please be advised to keep the POS box at least 25mm away from other devices to ensure the machine is properly cooled down and functioning normally.

Specifications

	TX-2300-G2	TX-2300E-G2
CPU	Intel Elkhart Lake Celeron J6412 (default) Intel Elkhart Lake Celeron N6210	
System Memory	DDR4 SO-DIMM socket x 2	
Storage Port	1 x M.2 socket (M.2 2280 / B+M key)	
Power Supply	12V/60W	12V/150W
OS support	Windows 10 IoT (64-bit)	
Serial Port	2 x DB-9 COM ports + 2 x RJ-50 COM ports	2 x DB-9 COM ports + 2 x RJ-50 COM ports + COM5/6 pin headers in service window
Parallel Port	1 port (header in service window)	
Standard USB Port	4 x USB 2.0 + 2 x USB 3.0 port	
LAN Port	1 x 10 /100 /1000 Mb	

	TX-2300-G2	TX-2300E-G2
Display Port	2 x HDMI port + 1 x VGA port	
CR Port	1 port, controlling 2 CRs	
PS/2 Port	1 port, on the front bezel	
DC Jack	1 port	
Expansion Slot	1 x M.2 socket (M.2 2230 / E key) for WiFi/BT module	
Audio	1 x Mic-in & Line-out combo jack + 1 x internal speaker	
LED Indicator	Bi-color power LED	
PoweredUSB port	N/A	1 x 24V (via PU-470 module)
Dimension (W x D x H in mm)	220 mm x 202 mm x 56 mm	
Weight	1.2 kg	
Regulation Rules	FCC/CE	
Environmental Requirements	Operating : 0°C - 40°C, 20%RH - 90%RH Storage : -20°C - 70°C, 10%RH - 90%RH	

Outline Dimension



※ *The product information and specifications are subject to change without prior notice. To get the detailed information on TX-2300-G2/2300E-G2, please check this model from Posiflex Global Website (<https://download.posiflex.com/en-global/Download/index/driver/POS-Box/TX-2300-G2>).*