

XT-3815/3915/3915IR
Fanfree LCD Touch Terminal
User Manual



Package Contents

- ✓ Terminal with base stand.....x1
- ✓ 60W power adaptor.....x1
- ✓ Power cord.....x1
- ✓ Screw for IO cable cover.....x2
- ✓ User manual.....x1
- ✓ Recovery or information CD.....x1

Product Features

Standard Features

System

- Intel Bay Trail-D J1900 2.0G up to 2.42G, 2M Cache, 4 core

Mechanical Structure

- Fanfree structure with Aluminum die-cast main unit casing
- Water resistant structure allowing easy cleaning
- Foldable base

Display

- High-quality 15” TFT active matrix LCD monitor provided with true-flat Projected Capacitive touch panel supporting 10-point multi-touch for 3815, with resistive touch panel for XT-3915, and with Infrared touch panel for XT-3915IR

Optional Items

System

- DDR3L SODIMM memory expansions up to 8GB (Max.) for XT-3815/3915/3915IR (J1900) in one SODIMM
- Preload Windows POSReady 7 / Win 7 / Windows Embedded 8.1 Industry / Linux per request

WIFI

- Wireless LAN module, through Mini PCI-E Interface

Connection Cable

- Parallel extension cable
- RJ50-to-DB9 serial port conversion cable
- Split cable for 2 cash drawer control

Base

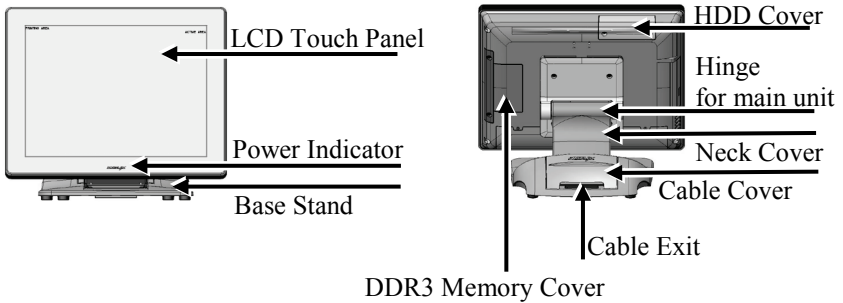
- GEN 8E base including UPS battery and poweredUSB board, and supporting 60W/80W/150W power adaptor

Integration Kit

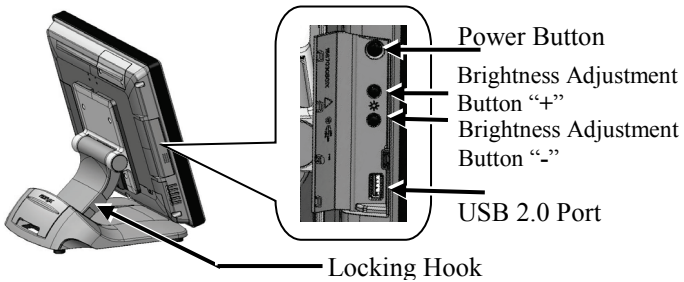
- Integrated side mount upgrade kits, such as SA-105 provided with optional MSR, SA-205 provided with iButton, SA-305, and SA-405
- 1" SATA SSD
- PoweredUSB kit in GEN 8E base stand, such as PU-480 or PU-490
- Power adapter kits for 80W/150W power adapters
- Back mount displays, such as LM/TM-3010/3014 and PD-6307

Views of the XT-3815/3915/3915IR

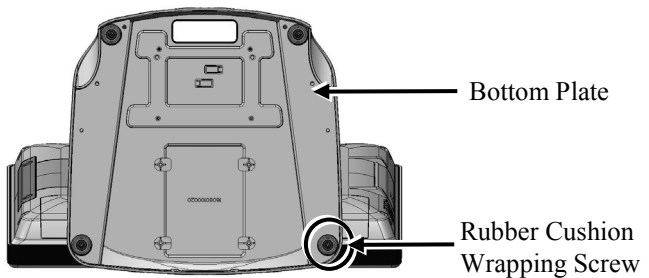
Front and Rear Views of Terminal with Gen 7E Base Stand



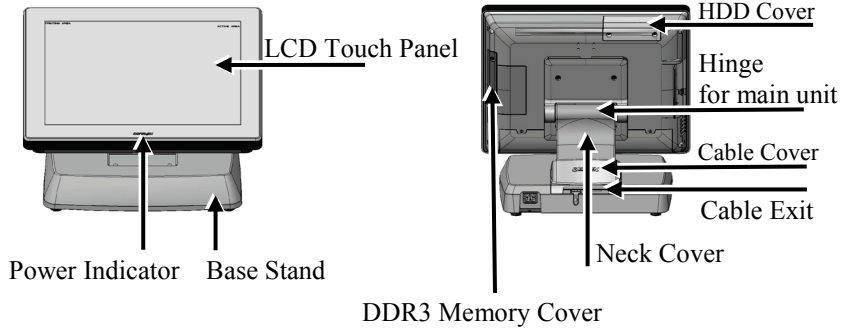
Left Side View of Terminal with Gen 7E Base Stand



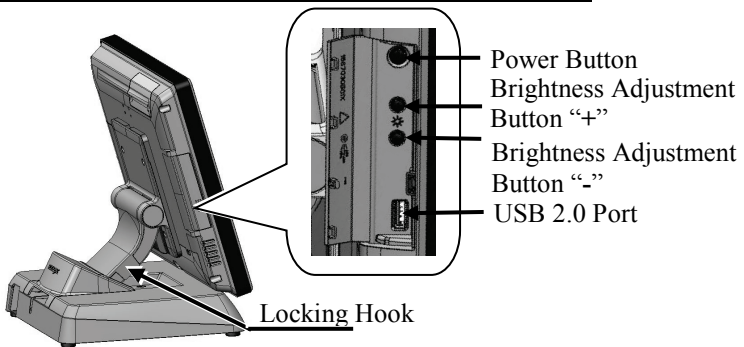
Bottom View of Terminal with GEN 7E Base Stand



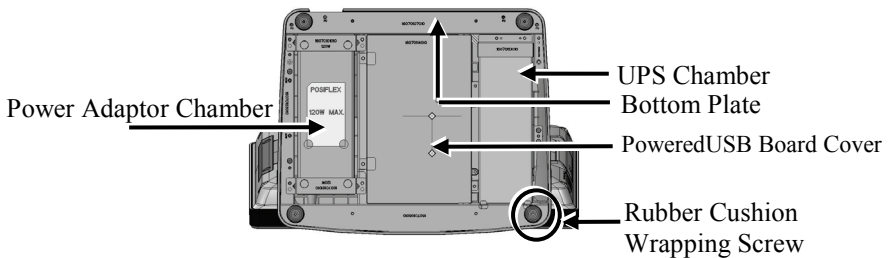
Front and Rear Views of Terminal with GEN 8E Base Stand



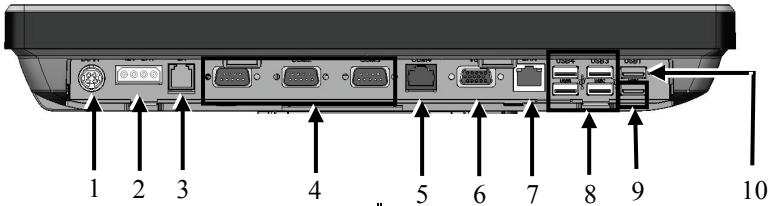
Left Side View of Terminal with GEN 8E Base Stand



Bottom View of Terminal with GEN 8E Base Stand



Views of I/O Interfaces of Terminal



- | | |
|--------------------|-----------------|
| 1 DC-IN Power Jack | 6 VGA Port |
| 2 UPS Port | 7 LAN Port |
| 3 CR Port | 8 USB 2.0 Port |
| 4 DB9 COM Port | 9 USB 2.0 Port |
| 5 RJ50 COM Port | 10 USB 3.0 Port |

Installing Power Adapter Kit onto GEN 8E Base Stand

The power adapter kit is optional and, before shipping, is installed onto the optional GEN 8E base stand. Upon your needs, you can purchase and install the kit for 80W or 150W power adapter. The introduction to the kit and the brief description of installation of the kit are made below.

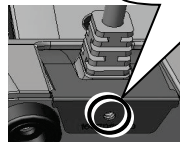
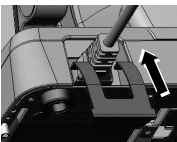
For the detailed description of installation of the 80W/150W power adapter kit, refer to the XT-3815/3915/3915IR technical manual.

Secure the Power Cord

To avoid the power cord from being pulled out accidentally, the power adapter kits are shipped with a power cord bracket.

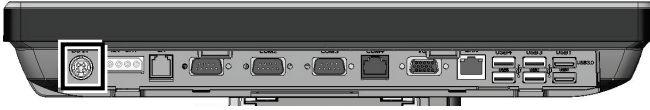


After installing the power adapter kit and connecting the power cord to the power adapter, remember to use the power cord bracket to secure the power cord.



Connecting Power Cable Connector to the Terminal

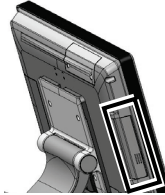
Before turning turn ON the terminal, connect the power cable connector to the power jack of the terminal.



CAUTION: Before connecting the power cable to the power jack of main unit, do NOT touch any metal pin of the connectors or circuits to avoid high voltage hazard or electrostatic discharge damage.

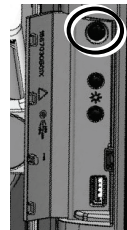
Powering ON the XT-3815/3915/3915IR

After connecting the power cable to the power jack of main unit, slightly push to open the power button cover at the left side of the main unit.



Then press the power button to power on the main unit. To power it off, press the button again.

Once powering off the system, if you want to power it on again, please wait for 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 forcedly shut down the system.

Power Indicator

There is a power LED indicator serving for several purposes located at the center of lower rim of LCD panel. The relationship between the indicator status and other conditions is summarized below:



Indicator Status	System Status	External Power	UPS Battery	Powering Up
Off	Off	Off	Not present	Not possible
Off	Off	Off	Present	Not allowed
Green	Off	On	No influence	Allowed
Blue	On	On	No influence	N/A
Blue/Flash	On	Off	Activated	
Green/Rapid Flash	On	Off	Battery low	

Installing an Operating System

This product is highly professional equipment. Therefore, we do NOT encourage you to install any operating system into this machine. 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.

Specifications

XT-3815/3915/3915IR	
CPU	Intel Bay Trail-D J1900 2.0G up to 2.42G, 2M Cache, 4 core
Memory	DDR3L 1333 FSB, SO-DIMM socket *1, 8G (Max.)
OS	POSReady 7 / Win 7 / Windows Embedded 8.1 Industry / Linux per request
Display	XT-3815: 15-inch TFT LCD monitor (1024x768) with true-flat pc touch panel XT-3915: 15-inch TFT LCD monitor (1024x768) with resistive touch panel XT-3915IR: 15-inch TFT LCD monitor (1024x768) with infrared touch panel
Storage	SATA HDD x 1 + 1" SATA SSD x 1
Ethernet	10/100/1000 Mb x 1 port
WLAN	Optional, through mini PCI-E interface
Power Supply	12 VDC power adaptor, 60W / optional UPS battery (2300mAh/12V)
Serial port	RJ-45 X 1, DB9 X 3, RJ-50-to-DB9 cable (Optional)
Parallel port	proprietary port connector in jumper setting window (by specially optional conversion cable)
CR Port	1 port, available for controlling 2 CR.
USB Port	Standard, 6 ports on the I/O plate (USB 2.0 X 5, USB3.0 X 1), 1 port on the left side (USB2.0), 3 USB headers reserved for internal USB device use
PS/2 KB Port	Pin header on back window
Audio	Built-in 2W audio speaker
Extension slot	Mini PCI-E slot, with USB signal
Power-Off Control	Hardware button or by software control
Power Switch	Soft switch
Power-ON Wake-Up	Through alarm or LAN
Mechanical installation	Desktop or wall mount
Power LED Indicator	Power ON/ standby, bi-color LED indicators
Temp & Humidity	Operation Temp.: 0 to 40 °C / Storage Temp.: 20 to 85°C Humidity: 10 to 90 %; 5 to 90 % (operation condition)

※The product information and specification are subject to change without prior notice. To get the detailed information on XT-3815/3915/3915IR, please check this model from Posiflex Global Website (<http://www.posiflex.com/en-global/Download/download>).