TP7500X TeamPad
FHT681A1A, FHT682A1A
FHT681B1A, FHT682B1A
FHTLA681

Contents

FCC ID: IXMTP7500W
FEDERAL COMMUNICATIONS COMMISSION

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.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Welcome and What's in the Box

This section lists the contents of your TP7500X TeamPad package and
provides a overview of this user's guide.
The TP7500X package includes the following items:
- TP7500X wireless digital assistant (includes stylus and one replaceable 4400mA battery)
- AC adapter
- TP7500X quick reference

Safety Information

To Avoid

Never connect or disconnect any cables or perform installation, maintenance, or reconfiguration of
this product during an electrical danger.

Lithium Battery Notice

Attention:

Danger of explosion if battery is incorrectly replaced. When replacing the battery, use an
equivalent type battery recommended by the manufacturer. The battery contains lithium
and can explode if not properly used, handled, or disposed of.

Do Not:
- Throw or immerse into water
- Heat to more than 100℃(I℉)
- Repair or disassemble

Dispose of the battery as required by local ordnances or regulations.

Chapter 1 Introduction

Features

This section provides an overview of the TeamPad hardware specification and preinstalled software.

Dimension

Height: 25 mm
Width: 285 mm
Depth: 205 mm

Weight

1000grams

Microprocessor

Intel PXA-255 400MHz 32-bitCPU.

Memory

1. Flash memory: 64MB Flask memory can be customer-specified up to 128MB.
    (User accessible is around 32 MB for 64 MB Flash, 32 MB + 64 MB for 128MB)
2. SDRAM: SDRAM can be customer-specified and could be 64MB up to 128MB on board.
    (User accessible is around 32 MB for 64 MB Flash, 64 MB for 128MB)

LCD Display

1. 10.4 inch SVGA/XGA TFT Color LCD with FL tube backlight.
2. 256k color, touch sensitive.
3. Visual ability at outdoor and indoor. Brightness adjustable.

Wireless LAN Communication

1. A CF interface 802.11b based WiFi compatible wireless LAN module was used, up to 11 Mbps
   data transfer rate and with an internal antenna.
   (MiniPCI interface 802.11b)
2. PCMCIA port

CF Card Slot
Standard Type II CF Card slot

Buttons
1. Power On/Off button
2. Backligh control key
3. 4 programmable function hot key buttons
4. 10 numeric keys and and ENT/CLS/BKS keys
5. 4 direction keys

Audio
1. Audio record and playback
2. One speaker, one headphone jack, One integrated microphone

Interface and I/O Ports
1. Headphone output jack
2. AC/DC power jack
3. Cradle Connector:
    (1). Auxiliary AC/DC power input
    (2). 2 USB Host Ports
    (3). USB client for sync with desktop PC
4. Serial port

Power and Battery
1. An external replaceable 7.2 volts 4400mAh battery pack
2. An external 2200mAh battery pack, or external 6600mAh battery pack (Optional)
3. Operating Time: at least 6 hours continuous at 30% processor utilization with front 30% light off.
4. Charge time: The battery pack can be quick charged to at least 90% capacity in less than 2.5 hours at room temperature (+20℃) when using the AC/DC adapter, no matter the system is on or off.
5. RAM can be retained for at least 72 hours after automatic low battery shutdown.

Indicators
A two color LED is used to indicate the power status. It also could
be controlled by the S/W to indicate some information like the
warning or alarm.
1.   Green:
     On mode : resume proecess
                    Suspend process
                    Boot process
     Suspend /OFF: On charging
2.   Red:
      On mode : SMBus I/F error

Operating System
Microsoft Windows CE.NET 4.2 OS
Application Software
1. RDP
2. Pocket Word/Excel
3. Pocket Internet Explorer 6.0
4. Windows Media 9X
5. Pocket Inbox

Power Management
1. Instant On/Off by the power button
2. Programmable Auto Dim
3. Battery meter
4. Power management for peripheral device

Peripherals and Accessories
1. One basic desktop cradle includes following function
       a. AC adapter
       b. USB Client Port
       c. 2 USB Host Ports support keyboard and mouse.
2. AC Adapter
       100 ~240V AC to DC 12V/2.5V adapter
3. Serial port
4. CF Standard Type II CF Card slot
5. PCMCIA

Regulatory Approval

EMI:
CE Mark, FCC Part 15 Class B digital device, VCCI Class B, CISPR22 Class B, EN55022 Class B

Safety:
UL, CSA950, EN60950, Category A of Electric Appliance and Material control low of Japan

Environment Requirement
1. Operating Temperature: 0℃ to 40℃
2. Storage Temperature: -20℃ to 60℃
3. Low Pressure (Altitude):
    a. Operating : 0-10,000 ft
    b. Storage : 0-40,000 ft
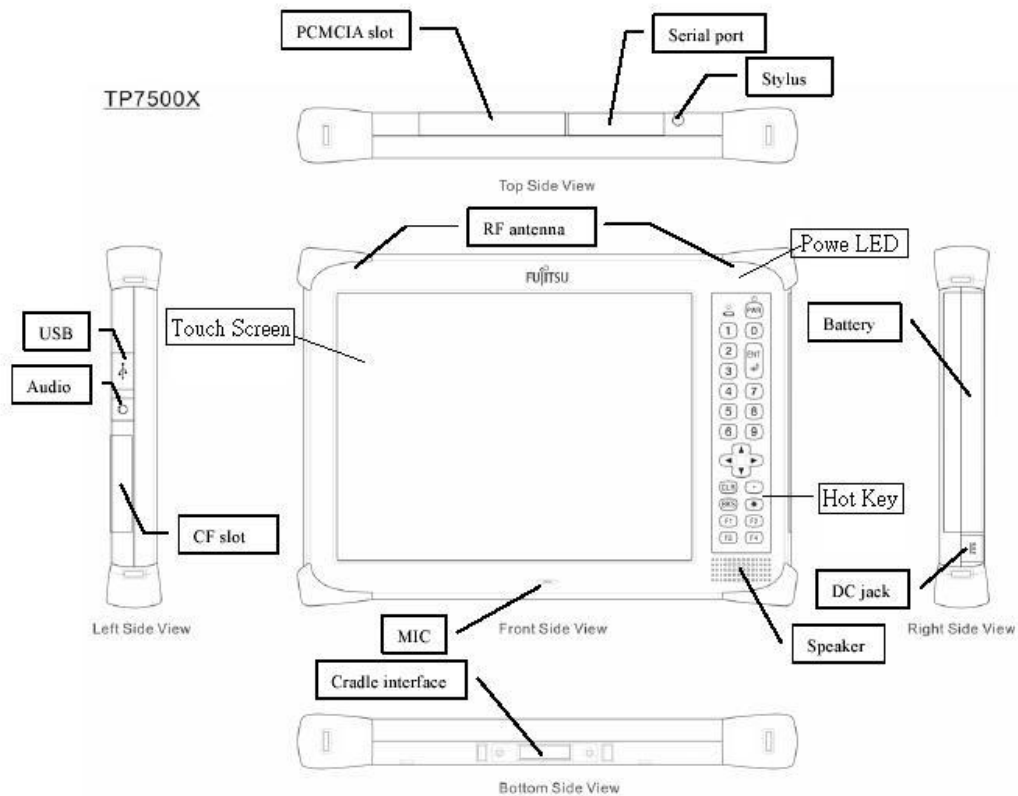   c. Operating : 0-10,000 ft
    d. Storage : 0~40,000 ft

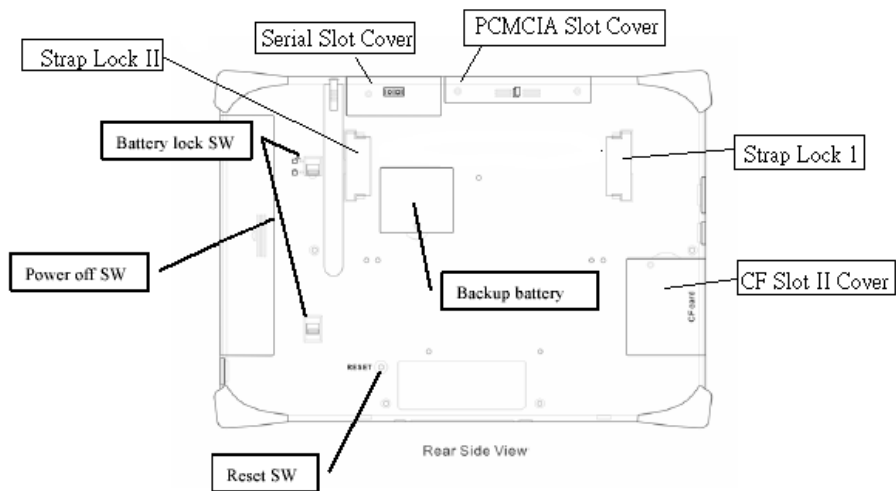# Chapter 2 Getting Started

Exploring Your TeamPad (Picture here)

1. Locating Front Panel Controls

1. PCMCIA slot : Type II slot
2. Serial port : RS232C 1 port
3 Stylus : Use the stylus to navigate on the touch screen
4. Battery : Li-ion Battery Pack 7.2V
5. DC Jack
6. USB connector & cover :Connect your desktop PC using the supplied cradle, or an optional sync cable.
7. Audio
8. CF slot
9. TeamPad hot key : Press to launch an application or programmed function.
10. Cradle interface
11. Speaker : Speaker. Listen to music.
12 .Power LED :Red for charging the battery and green for full charge.
13. Headset jack. Connect a pair of stereo headphones or the hands-free hone headset.
14. Touch screen. Tap on-screen controls or buttons to select menu commands or input text.
15 .Power button. Press to turn your TeamPad on or off. Press and hold to turn the front light on or off.

TP7500X

PCMCIA slot   Serial port   Stylus

Top Side View

RF antenna   Powe LED

FUJITSU

USB   Touch Screen   Battery

Audio

CF slot   Hot Key

Left Side View   MIC   Front Side View   DC jack   Right Side View

Cradle interface   Speaker

Bottom Side View

2. Locating Back Panel Components

14.

15.

17. Batter Pack connector : Batter cell connect with Main Unit.

18 Reset Button

19 Compat Flash

20. Removable battery. It can be 2200mA battery.

21. Battery lock. Press the lock down to put your battery then press the lock up to lock battery.

22. Serial port cover:

23. PCMCIA slot cover :

24. Strap Lock I

25. Strap Lock II

26. Battery Lock S/W.

27. Power off S/W

28. Backup battery

29. CF Slot II

30. Reset S/W

Rear Side View

Powering Your TeamPad

1. Main Battery

The main Li-Ion 4400mA battery provides power to your TeamPad while it is not connected to AC power. Under typical usage condition of not using the back-light, the fully charged main battery should provide power for up to 6 hours of use.Battery life will vary depending on how you use your TeamPad.

For example, such as listening to music, operating CompactFlash cards or using full brightness or considerable power charging may reduce this time significantly.

2. Second Battery

The Coin Battery provides power to your TeamPad while it is not connected to AC power. Under typical usage condition of not using the front-light, the fully

charged main battery should provide power for up to 30 minutes of use.Battery life will vary depending on how you use your TeamPad. For example, such as listening to music, operating CompactFlash cards or using front-light or considerable power charging may reduce this time significantly.

3. AC Adapter

To avoid running out of battery power, you can operate your TeamPad on AC power using the supplied AC Adapter. The AC Adapter accepts 100V to 240V, enabling you to connect to AC power anywhere in the world. While your TeamPad is connected to AC power, the main battery is charged automatically. The color of LED indicates the status of the battery: red indicates that the battery is charging, and green indicates that the battery is fully charged.

3. Powering Your TeamPad
The First Time You Charge Your TeamPad
Do not disconnect your TeamPad from AC adapter or cradle until the power green LED indicates that the main battery is fully charged.
You could connect AC adapter to a wall socket, and then connect the other enc to the DC jack on your TeamPad.

Connecting to Your Desktop PC
PC via USB cable by the steps below.
Stick the end of USB connector to the USB port on your PC and another end stick to the USB port bottom of your TeamPad
You could also stick your TeamPad to supplied cradle then connect the USB type B connector rear of cradle to USB client port on desktop.