USER's GUIDE

Toccare AIO Touch POS Systems

DigiPoS

DigiPoS

The test results show that this device meets the FCC rules. Those limits are set to protect
residential areas from the devices with harmful emission. This device will produce, use and
radiate radio frequency energy. In addition, failure to follow the user's manual to install or use
this device might produce harmful interference with radio communication. Not withstanding
the foregoing, it does not guarantee that this type of harmful interference does not occur in
some special installations. The interference caused by this device to the reception of radio
or television signals may be verified by turning it on and off. Any changes or modifications to
this TFT LCD would void the user's authority to operate this device.

Important Recycle Instruction:

(Hg) Lamp(s) inside this product contains mercury. This product may contain other
electronic waste that can be hazardous if not disposed of properly. Recycle or
dispose in accordance with local, state, or federal Laws. For more information,
contact the Electronic Industries Alliance at WWW.EIAE.ORG. For lamp specific
disposal information check WWW.LAMPRECYCLE.ORG.

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Usage Notice

Precautions

Follow all warnings, precautions and maintenance as recommended in this user's manual to maximize the life of your unit.

Do:
• Turn off the product before cleaning.
• Touch screen surface may be cleaned using a soft clean cloth moistened with mild window glass commercial cleaners or 50/50 mixture of water and isopropyl alcohol.
• Use a soft cloth moistened with mild detergent to clean the display housing.
• Use only high quality and safety approved AC/DC adapter.
• Disconnect the power plug from AC outlet if the product is not going to be used for an extended period of time.

Don't:
• Do not touch the LCD Display screen surface with sharp or hard objects.
• Do not use abrasive cleaners, waxes or solvents for your cleaning.
• Do not operate the product under the following conditions:
    - Extremely hot, cold or humid environment.
    - Areas susceptible to excessive dust and dirt.
    - Near any appliance generating a strong magnetic field.
    - In direct sunlight.

Introduction

About Toccare AIO TCA15 Touch POS Systems Series

The Toccare AIO TCA15 Touch POS system Series is All-in-One Touch computer model. The Toccare AIO TCA15 incorporates the Intel® Atom processor D510, 1.66GHz, it has a 15" flat LCDl screen with an touch function.

The main features of the Toccare AIO are:

- Intel Atom processor D510, 1.66GHz
- 7 x USB 2.0 (Ext x 4, Int x 3)
- 3 x powered USB: (12V x 2, 24V x 1)
− 1 x 2.5" SATA HDD
− 1 x mini PCI-E/mSATA support mSATA SSD (Option)
- 1 x DB9 for COM1
- 1 x VGA support second display
- 1 x RJ45 for Gigabit Ethernet
- 1 x 24V DC in power jack
- 1 x RJ11 for Cash Drawer
- 1024x768 XGA resolution
- 15" viewable display area
- Kensington security slot
- 75 x 75 mm VESA mount
- Removable base for flexible mounting solutions.
- Touch function with USB interface
- Built-in speakers-1W x 2
- 24V 200W Fanless PSU
- 3 track MSR (Option)
- 2 x 20 chrs VFD (Option)

Touch Screen for TCA15R

- 5-wire resistive touch screen for finger and stylus input
- Surface: Anti-glare treatment
- Interface: USB
- Transmittance: 82±5%

Touch Screen for TCA15P

- Projected Capacitive touch screen for finger input only
- Surface: Glare treatment
- Interface: USB
- Transmittance: 90±5%

Package Overview
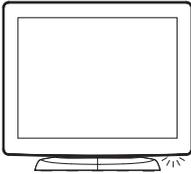
Toccare AIO

Quick Start Guide

CD Disk
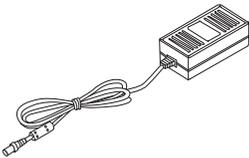
DC Power Supply
(Optional)

Installation

Product Overview

• **Front View**
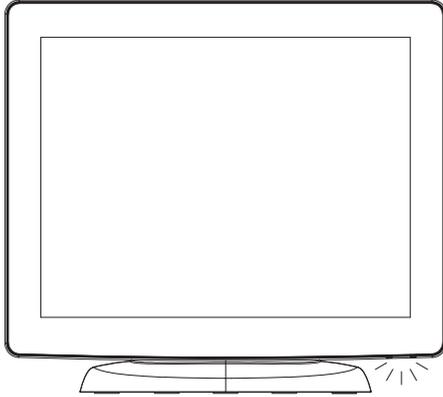
• **Bottom View (Without Stand)**

Power LED
HDD LED

Cash Drawer
Powered USB 12V
Powered USB 24V
USB
Gigabit Ethernet
RS-232
Second VGA
24V DC IN
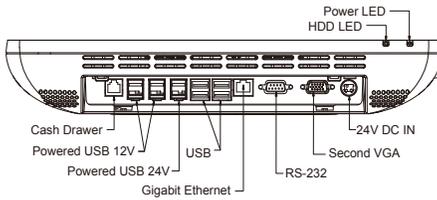
Making Connections
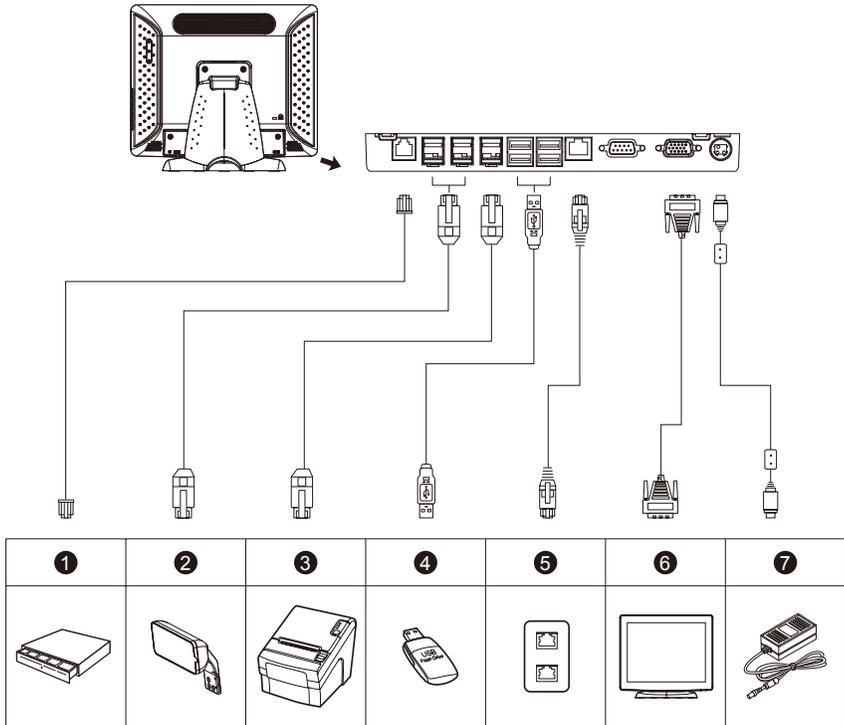
1. To the Cash Drawer

2. To a 12V USB Powered device, such as a VFD (Vacuum Fluorescent Display) and a customer display, and a MSR (Magnetic stripe Reader)

3. To a 24V USB Powered device, such as a USB powered printer

4. To USB devices, such as a USB flash driver, a USB keyboard, and a USB mouse.

5. To the network

6. To a VGA monitor with a VGA- port

7. To an available wall outlet (using the power adapter and power cord)

Start Your Installation

Remove the Back Cover

Please follow these instructions to remove the cover on the back panel of the AIO so that you can hookup the cables to associated connector.
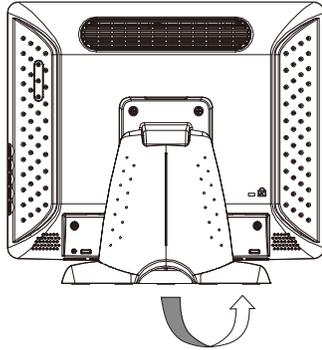
Figure A

1. To remove the back cover, follow the arrows in figure A and pull out with your fingers and the cover should be removed from the stand.
2. Attach the cover back to the AIO stand by pressing firmly until the tabs snap into place. You may also keep the cables in order by using the cable organizer.

included cables organizer
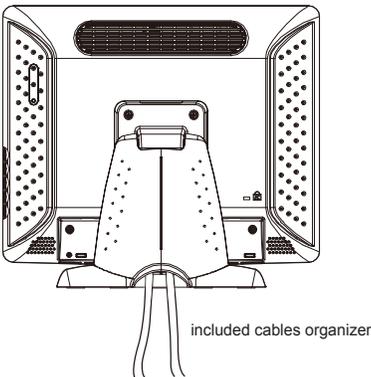
⚠ *Note!*

You can place the AIO flat horizontally to make it easier to connect the cables. Please make sure that you place it on an even surface lest the AIO should be damaged by scratches or collision.

Kensington Security Slot

The computer can be secured to your desk or any other fixed object with Kensington lock security products. The Kensington lock is not included.

Kensington Security Slot
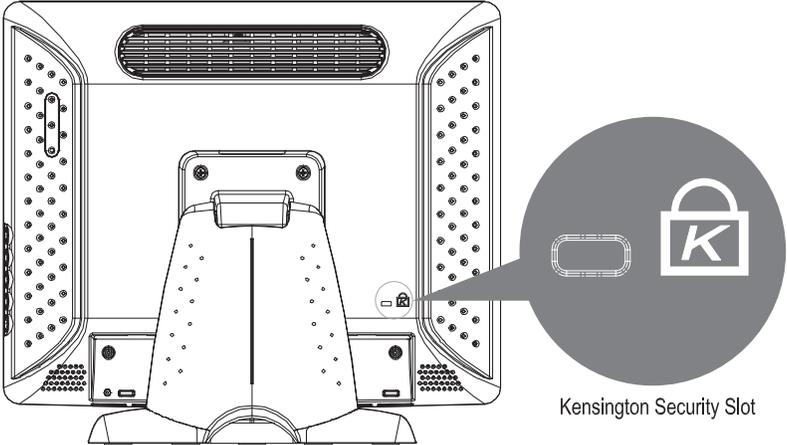
VESA Mount for Your Computer

This computer conforms to the VESA Flat Panel Mounting Physical Mounting Interface Standard which defines a physical mounting interface for flat panel computers, and corresponding with the standard mounting devices of flat panel computer, such as wall and table arms. The VESA mounting interface is located on the back of touch computer.

To mount the computer on a swing arm or other mounting fixture, follow the instructions included with the mounting fixture to be used, please note to mount touch computer to the devices (either mounting fixture or swing arm) what conforms to the UL listed.
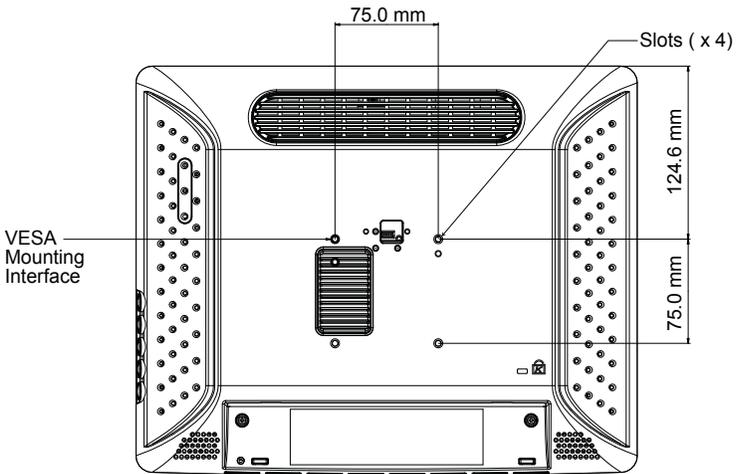
⚠ *Warning!*

Please select the proper screws!

The distance between the back cover surface and the bottom of the screw hole is 8 mm. Please use four M4 screws diameter proper length to mount your monitor.

Please note: the mounting stand must be able to support at least 11 lbs (5Kg).

User Controls

Side Panel Controls

Icon	Key Name
⟳	Reset
▲	Up
▼	Down
⟲	Reset
⏻	Power

HDD LED
Power LED
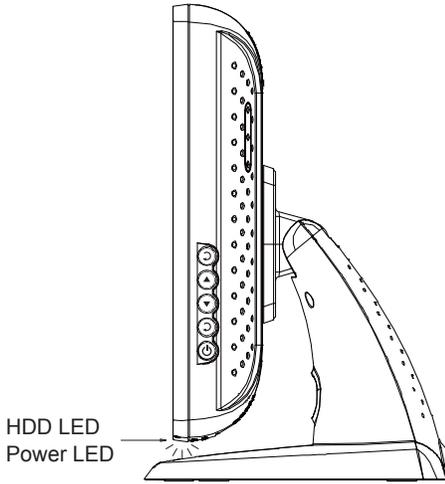
OSD Key	Status
⟳	Reset
▲	Brightness up
▼	Brightness down
⟲	Reset
⏻	Power On/Off

Powered LED Display:

Mode	Indicator
On	LED Blue
Off	LED OFF
Sleep	LED Blue Blink
HDD R/N	LED Green Blink

Touch Computer Specifications

Note: Not all operating systems or options are supported in all regions. Please contact your service representative for details.

Processor	Intel Atom processor D510,1.66GHz
RAM	2 x SODIMM support DDR2 memory, Up to 4GB (accessible 3.2GB under OS)
Southbridge	Intel ICH8-M
Video	Intel Graphic Media Accelerator 3150
Ports	7 x USB 2.0 (Ext x 4, Int x 3) 3 x powered USB (12V x 2, 24V x 1) 1 x DB9 for COM1 1 x VGA for Second Display 1 x RJ45 for Gigabit Ethernet 1 x 24V DC in power jack 1 x RJ11 for Cash Drawer
Storage	SATA 2.5" HDD, mSATA SSD (Option)
Power supply	*Type:* External brick Input (line) voltage: 100-240 VAC, 50-60 Hz Output voltage/current: 24V at 8.33 amps
Temperature	*Operating:* 0°C to 35°C *Storage:* -20°C to 60°C
Humidity Operating	*Operating:* 20%-80% *Storage:* 10%-90% noncondensing
Weight	Actual: 17.2 lb (6.0 kg) Shipping: 22.5 lb (8.8 kg) Shipping box dimensions 465 x 375x 288mm
Backlight lamp life	Min 40,000 hours to half brightness
Agency approvals	FCC, CE
Speakers (internal)	1 watt/channel speakers
Mounting options	75 x 75 mm VESA mount

Other features	Removable base Touchscreen sealed to bezel and LCD Security lock receptacle
Peripheral Options and Upgrades	May vary

Battery Notice Caution:

Risk of explosion if battery is replaced by an incorrect type.

Dispose of used batteries according to the instructions.

How to Use the OSD Menus

Icon	Key Name
↻	Reset
▲	Up
▼	Down
↻	Reset
⏻	Power

1. Press the Power Button to boot up.
2. Adjust the dimming by pressing the "Up" or "Down" button.
3. Press the two Reset button simultaneously to re-boot the system.

Appendix

Troubleshooting

If you are experiencing trouble with the AIO system, refer to the following. If the problem persists, please contact your local dealer or our service center.

Problem: No image appears on screen.

- ► Check that all the I/O and power connectors are correctly and well connected described in the "Installation" section.
- ► Make sure the pins of the connectors are not crooked or broken.

Problem: Partial Image or incorrectly displayed image.

- ► Check to see if the resolution of your computer is higher than that of the LCD display.
- ► Reconfigure the resolution of your computer to make it less than or equal to 1024 x 768.

Product Dimensions

► Front View

364.1 mm

295.1 mm

322.0 mm

► Side View

61.6 mm

176.3 mm

► Top View

240.0 mm

206.1 mm
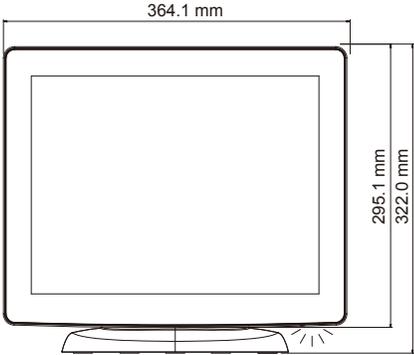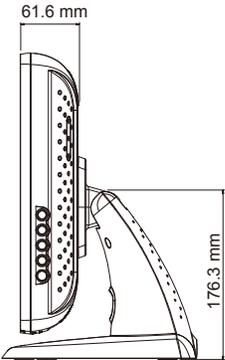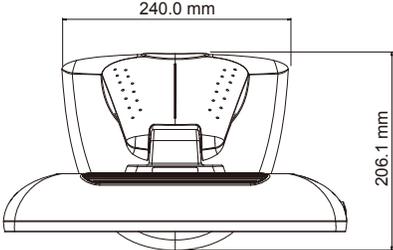
Compatibility Modes

Mode	Resolution	H-Frequency(KHz)	V-Frequency (Hz)
VESA	800 x 600	37.88	60
VESA	1024 x 768	48.36	60