Atrust t100

User's Manual

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About This User's Manual

This User's Manual provides information regarding the various components of the TC1 and how to use them. The following are the major sections of this User's Manual:

- Getting to Know Your Atrust t100–introduces you to the Atrust t100 and it's components.
- Getting Started–provides information on getting started with your Atrust t100.
- BIOS Introduction–provides basic information on your Atrust t100 BIOS settings and configuration.
- Using Your Atrust t100–provides information on using the Atrust t100's utilities.
- Support CD & System Recovery–provides information on the support CD and system recovery.
- Appendix–contains the Atrust t100 safety statements.

Notes for This Manual

The following notes and warnings are used throughout this manual allowing you to complete tasks safely and effectively.

WARNING! Important information that must be followed for safe operation.

IMPORTANT! Vital information that must be followed to prevent damage to data, components, or persons.

TIP: Tips for completing tasks.

NOTE: Information for special situations.

Safety Precautions

The following safety precautions help to prolong the life of your Atrust t100. Refer all servicing to qualified personnel, except in specific instances outlined in this manual. Do not use strong solvents such as thinners, benzene, or other chemicals on the Atrust t100 cover or components.

Disconnect the AC power before cleaning. Wipe the Atrust t100 using a clean cellulose sponge or chamois cloth dampened with a solution of nonabrasive detergent and a few drops of warm water and remove any extra moisture with a dry cloth.

DO NOT expose to liquids, rain, or moisture.

DO NOT install in dirty or dusty environments.

DO NOT install in environments with ambient temperatures less than 0°C (32°F) or greater than 40°C (104°F)

DO NOT expose to strong magnetic or electrical fields.

DO NOT install on uneven or unstable work surfaces.

DO NOT place or drop objects on top of the Atrust t100.

DO NOT dispose of the Atrust t100 in municipal waste. Check local regulations for disposal of electronic products.

DO NOT carry or cover the Atrust t100 with any materials that reduce air circulation when powered ON.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

Federal Communication Commission Interference Statement

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 radiate 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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Out of the Box

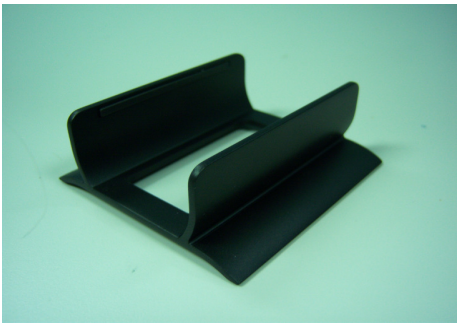
Unpack the Atrust t100 package and ensure the following items are included.

or

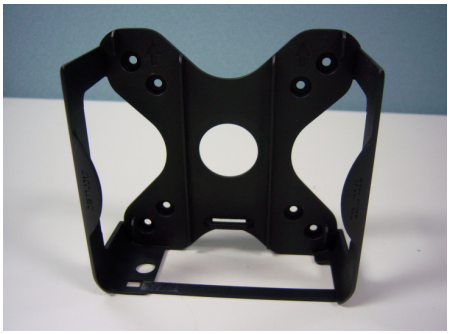
or

Atrust t100

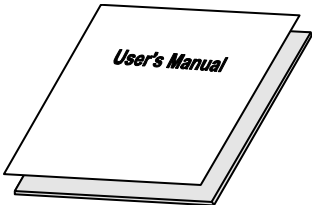
Power Adapter and Cable



Desktop Bracket



LCD Bracket



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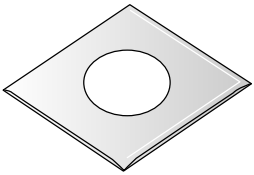


Recovery CD

If any item is missing or damaged, contact your dealer.

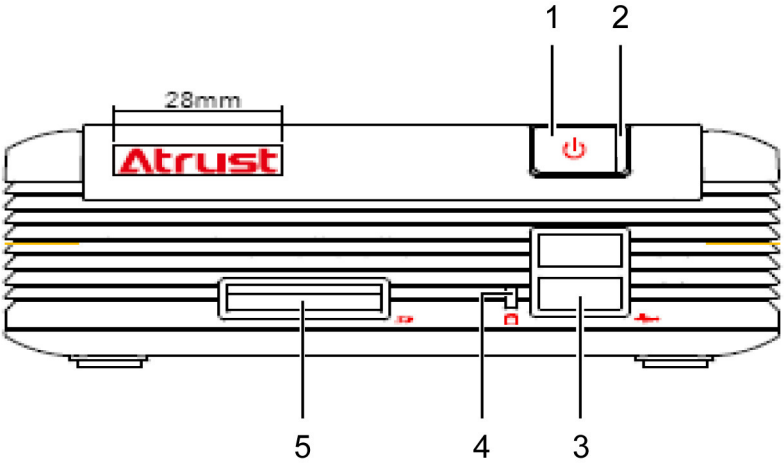
Optional Items

Keyboard

Mouse

Front View

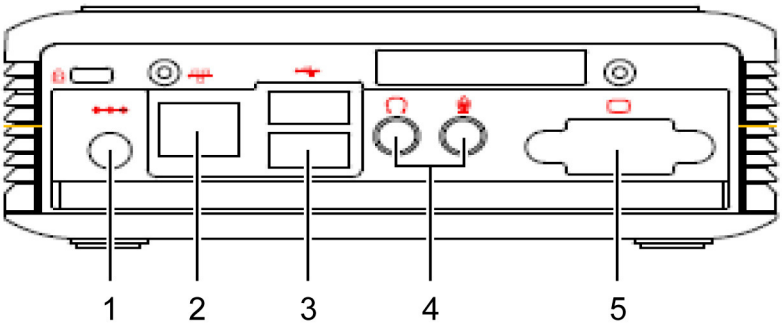
Refer to the following diagram to identify the components on the front of the Atrust t100.



No.	Item	Description
1	Power button	Press to power the Atrust t100 on or off
2	Power LED	Lights blue when Atrust t100 is powered on
3	USB Ports	Connect USB devices, such as a keyboard or mouse, to these ports
4	DOM LED	Lights yellow when the HDD is accessed
5	SD Card Reader	Supports standard SD cards

Rear View

Refer to the following diagram to identify the I/O ports on the rear of the Atrust t100.



No.	Item	Description
1	DC Jack	Connect the supplied power cable to this port
2	LAN Port	Connect an RJ-45 Ethernet cable to this port
3	USB Ports	Connect USB devices, such as a keyboard or mouse, to these ports
4	Analog Audio I/O	Connect analog audio devices to these ports
5	Video Out	Connect a VGA display device to his port

Hardware Features

Item	Specification	Remarks
CPU	VIA Eden ULV 500MHz/1W, Eden 1GHz/5W	Optional
Chipset	VIA VX800/VX800U	
Memory	DRAM: One SODIMM Module, 512MB/1GB	Optional
	Flash: Disk On Module (DOM), 4GB/8GB	Optional
Display	Resolution: Max 1600x1200	
Communications	LAN: Integrated 10/100 Ethernet	VIA VT-6107
	Wireless LAN: Internal USB Module	VT-6656 - optional
	Bluetooth: Internal Module	Qcom QBTM400-02 (T6) - optional
Input/Output	4 x USB Ports 2.0	2 Front, 2 Rear
	1 x LAN RJ-45	Rear
	1 x VGA, 15 pin D-Sub	Rear
	2 x Audio Jacks–Line Out/Mic In	Rear
Expansion Slots	1 x SD Card	Front
Power Supply	Input/Output DC +12V 3A Adapter, 100-240V, 50-60Hz	
(LI SHIN)	Power Consumption 23W	

Item	Specification	Remarks
Power Supply (PIE)	Input/Output DC +9V 2.315A Adapter, 100-240V, 50-60Hz	
	Power Consumption 22W	
LED Indicators	Power LED: Blue – Power On/S1 Stage Orange – S3 Stage Off – Power OFF/S4/S5 stage	Front
	HDD LED: Yellow	Front
Mounting	Built-in Kensington Slot (Rear), Optional Vertical Stand, Optional VESA Mounting Bracket	
Accessories	Power Adapter, User's Manual, Recovery DVD, Keyboard, Mouse	
Environment	Operating 0 to 40 degree C, 5% to 95% RH, 3km	
	Non-operating -20 to 60 degree C, 5% to 95% RH, 12km	
Regulatory	BSMI，CCC，FCC，NRTL	
	RF interference，NCC，SRRC，FCC	

Setting Up Your Atrust t100

The Atrust t100 supports three versatile installation methods; standard desktop, upright desktop, and discrete installation using the LCD bracket.

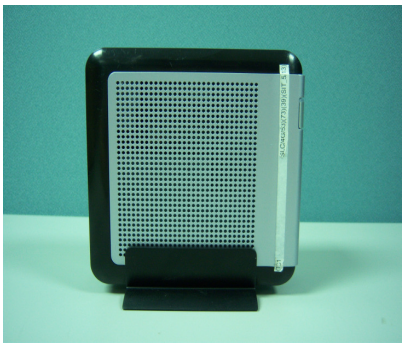
Desktop Setup

You can place the Atrust t100 directly on your desktop, supported by the four rubber feet or by placing the Atrust t100 in the desktop bracket you can install the Atrust t100 upright to save desk space.

To install the desktop bracket, perform the following steps:

1. Place the cradle on a dust-free, level surface.

2. Insert the Atrust t100 in to the cradle as shown.



Using the LCD Bracket

Using the discrete LCD bracket, you can install the Atrust t100 behind a standard LCD display, hiding unsightly cables and maximizing desktop space.

To install the LCD bracket, perform the following steps:

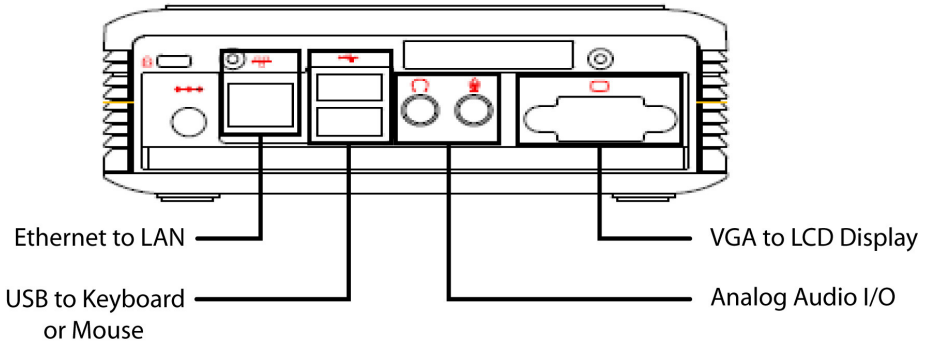
1. Install the LCD bracket on the rear of the LCD display using the supplied mounting screws.

2. Slide the Atrust t100 into the LCD bracket as shown.

NOTE: Ensure the Atrust t100 is correctly fitted into the bracket to avoid damaging the unit or the LCD display.

Making Connections

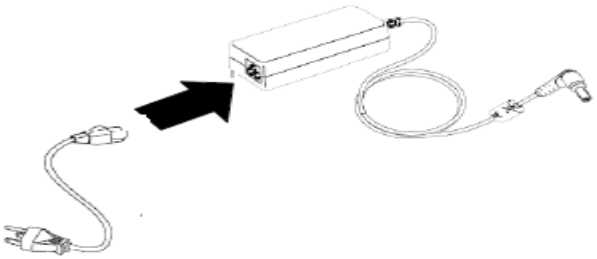
The following diagram illustrates the basic requirements for Atrust t100 connection, including LCD display, keyboard, mouse, network, and audio I/O.



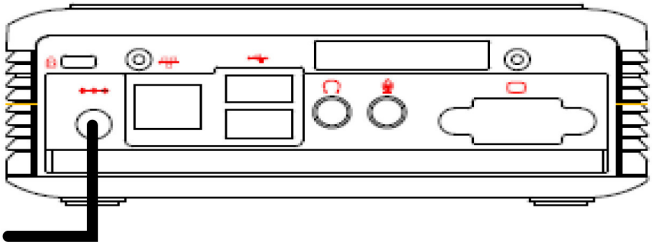
Powering On Your Atrust t100

After making the required connections, perform the following steps to power on the Atrust t100:

1. Connect the power adapter to the power cable as shown.



2. Connect the power adapter to the rear of Atrust t100 and the power cable to a power outlet.



3. Press the power button on the Atrust t100 front panel.

   The Power LED lights blue and the Atrust splash screen displays.

   Atrust t100 is ready for operation when the desktop displays.

BIOS Overview

The following table describes the first, second, and third level Atrust t100 BIOS options.

Top Level Menu	2nd Level Menu	3rd Level Menu
Main	Version	
	Build Data	
	ID	
	Processor	
	Speed	
	Count	
	System Memory	
	System Time	
	System Date	
Advanced	IDE Configuration	
	VGA Buffer Size	
	OnBoard Lan	
	OnBoard Audio	
	Base Clock Frequency for SD	

Top Level Menu	**2nd Level Menu**	**3rd Level Menu**
Boot	Boot Setting Configuration	Quick Boot
		Quiet Boot
		Hit 'DEL' Message Display
Security	Change Supervisor Password	
	Change User Password	
Exit	Save Changes and Exit	
	Discard Changes and Exit	
	Discard Changes	
	Load Optimal Defaults	

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