

thinvent

# **Mini PC Neo-4**

User Manual

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# About This Manual

This manual provides information about the hardware and software features of your Mini PC, organised through the following chapters.

## **Chapter 1: Getting to know your Mini PC**

This chapter gives details about the hardware components of your Mini PC.

## **Chapter 2: Using your Mini PC**

This chapter provides you with information on using your Mini PC.

## **Chapter 3: Upgrading your Mini PC**

This chapter provides you with information about the upgrades.

## **Appendix**

The section includes safety information, Operating Guidelines, Warranty and Services and Frequently Asked Questions for your Mini PC



## Package Contents

Your Mini PC package contains the following items:

- Neo Mini PC



- Power Adapter



## NOTE

- The power adapter may vary by model. Kindly check the recommended voltage of the adapter on the device model.
- Adaptors may vary with different models. For details on these accessories, refer to their respective user manuals.
- If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the Thinvent Technologies Pvt. Ltd. Service Center for replacement of the defective components.




# Chapter 1

## Getting to know your Mini PC

- Front Panel Components

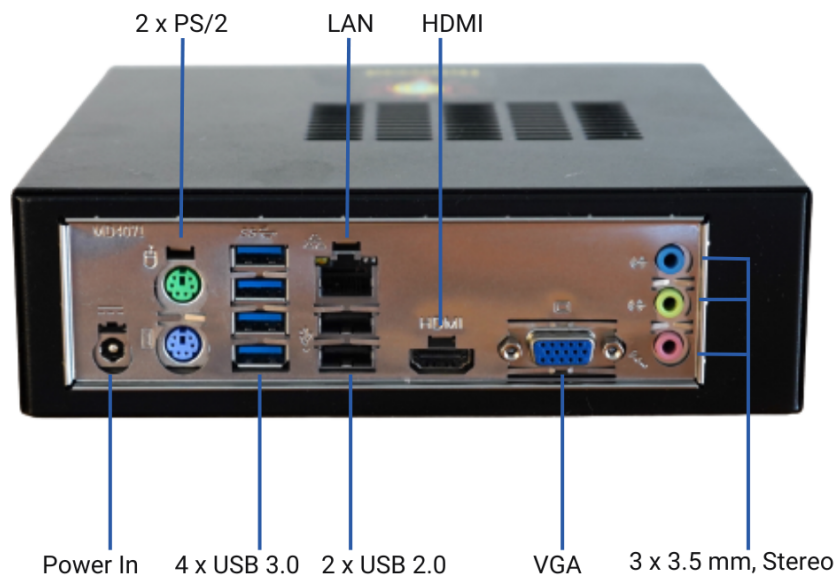


Power button

	Power Button	The Power button allows you to turn the Mini PC on or off.
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- Rear Panel Components



	Power In	The supplied power adaptor converts AC power in DC power to use with this jack. Power supplied through this jack supplies power to the Mini PC. To prevent damage to the Mini PC, always use the supplied power adaptor.
	VGA	This port allows you to connect your Mini PC to an external display.
	Lan	The 8-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network
	Mic	3.5 mm Audio Jack also known as TRS(Tip-Ring-Sleeve) Connector.
	Speaker	3.5 Jack Audio Jack (TRS) just like the mic port it is commonly used for connecting external speakers to various devices.
	USB 3.0	The USB 3.0 (Universal Serial Bus) port provides a rate up to 5 Gbit/s.



	USB 2.0	USB 2.0 offers transfer rates of 480 Mbps
	PS/2	The PS/2 port is a 6-pin mini-DIN connector used for connecting keyboards and mice to a PC compatible computer system
	HDMI	The HDMI (High Definition Multimedia Interface) port supports a Full HD device such as an LCD TV or monitor to allow viewing on a larger external display.





# Chapter 2

## Using your Mini PC

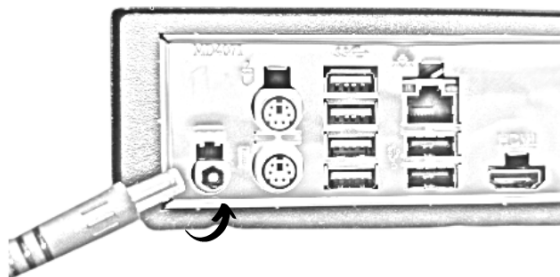
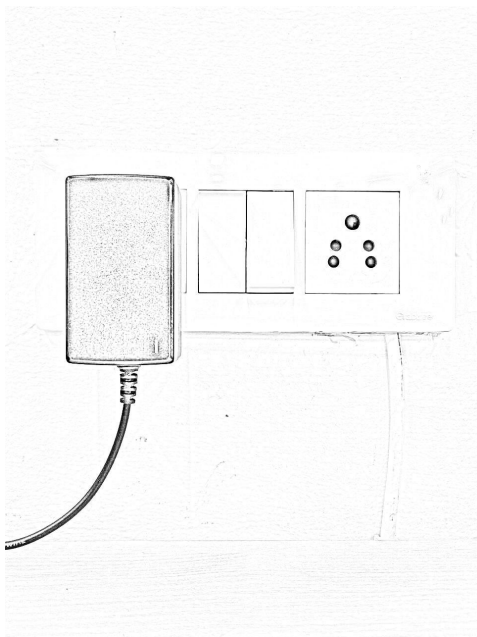
### Getting Started With

#### Connect the DC power adapter to your Mini PC

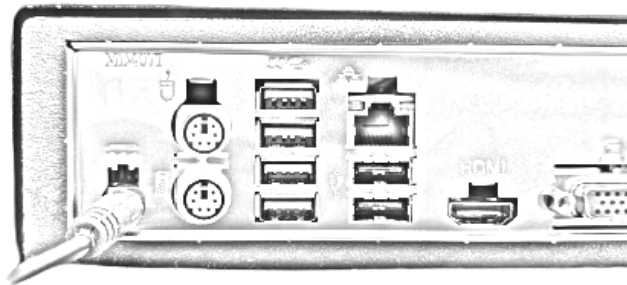
To connect the DC power adapter to your Mini PC:

- A. Connect the power adapter into your Mini PC's power (DC) Input.

B.



Plug the power adapter into a 100V~240V power source.



**NOTE:**

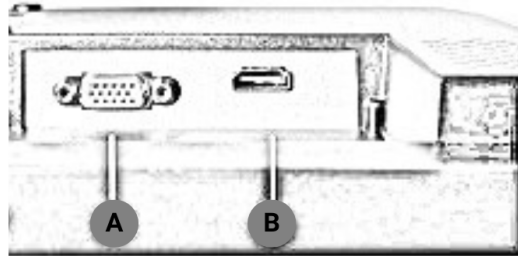
Please refer to the following for more information on the adapter:

- Power input: 100- 240V AC
- Input frequency: 50-60 Hz
- Consumption: 20 W maximum

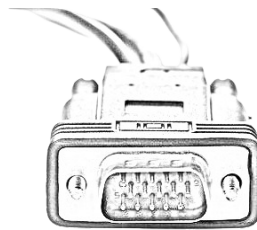


## Connect a display panel to your Mini PC

You can connect a display panel or monitor to your Mini PC that has the following port:



### A. VGA Port



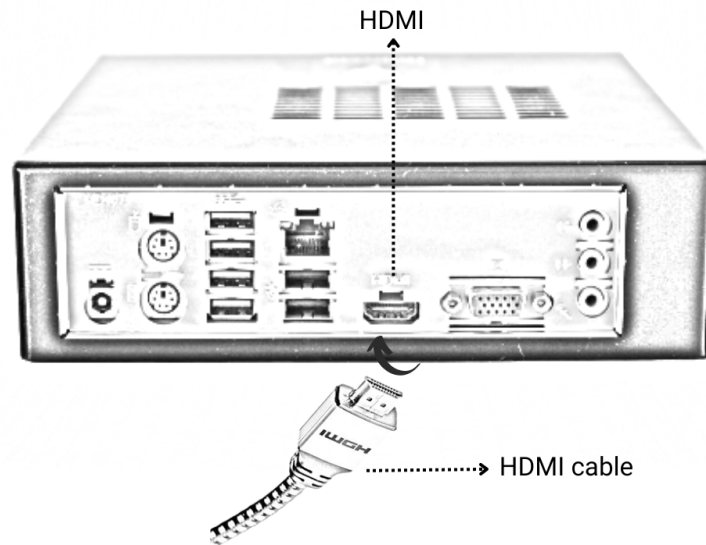
### B. HDMI Port



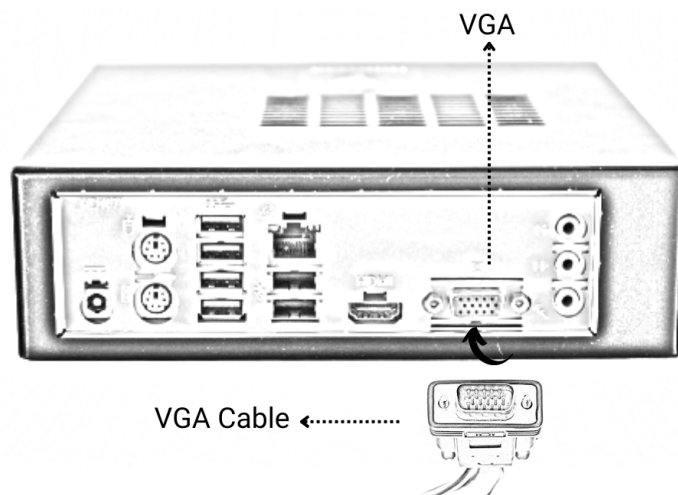
## To connect a display panel to your Mini PC

Connect one end of an HDMI or VGA port to an external display and the other end of the cable to your Mini PC's HDMI port or VGA port.

### A. Connect display via HDMI



### B. Connect display via VGA

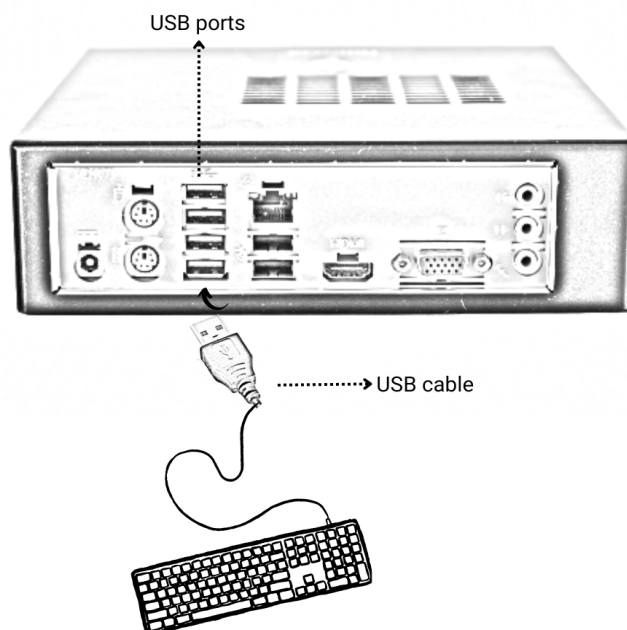
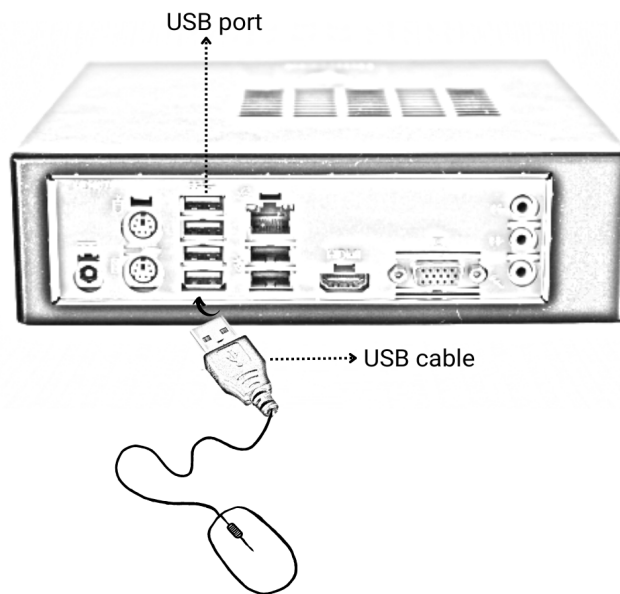


## Connect the USB cable from keyboard or mouse

You can connect any USB keyboard and mouse to your Mini PC. You can also connect a USB dongle for a wireless keyboard and mouse set.

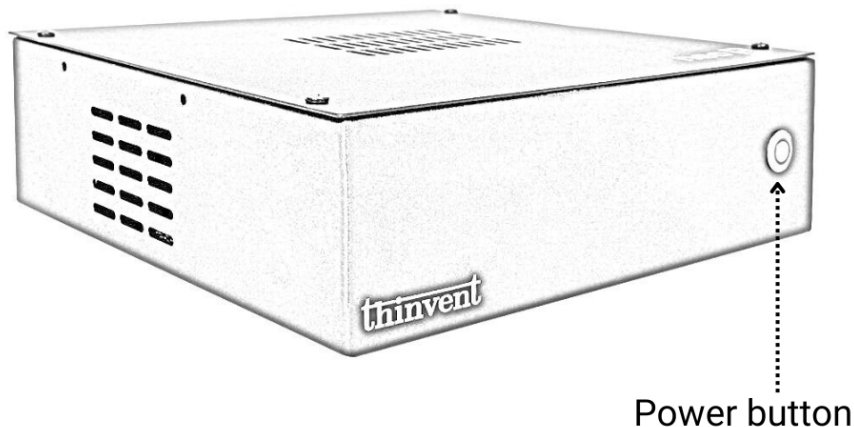
### To connect a keyboard and mouse to your Mini PC:

Connect the USB cable from your keyboard and mouse to any of the USB ports of your Mini PC.





## Turn on your Mini PC

Gently Press the power button to turn on your Mini PC.




## Turning off your Mini PC

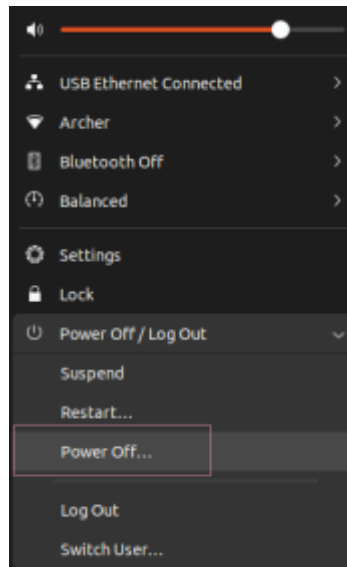
### For Windows

- Press  icon from taskbar, or press  key from keyboard, If you don't see the taskbar, move the mouse to the bottom of the screen.
- Select the Power icon in the lower-right corner of the Start menu.
- Select Shut down.

### For Linux /Ubuntu

- Press  icon at the top right corner and click on it a dropdown will appear, click on “Power Off/ Log Out”
- From the options that appear, choose “Power Off”.





- A dialog will appear, counting down from 60 seconds before automatically powering off. You'll also see options to cancel, restart, or power off. Press "**Power Off**" if you don't want to wait the full minute.

**Note:**

If your Mini PC is unresponsive, press and hold the power button for at least four (4) seconds until your Mini PC turns off.



## Entering BIOS Setup

BIOS (Basic Input and Output System) stores system hardware settings that are needed for system startup on the Mini PC. Under normal circumstances, the default BIOS settings apply to most conditions to ensure optimal performance.

Do not change the default BIOS settings except in the following circumstances:

- An error message appears on the screen during the system bootup and requests you to run BIOS Setup.
- You have installed a new system component that requires further BIOS settings or update.

### WARNING

Inappropriate BIOS settings may result in instability or boot failure. We strongly recommend that you change the BIOS settings only with the help of trained service personnel.

## Load default BIOS settings

To load the default values for each of the parameters in your BIOS:

- Enter the BIOS by pressing <DEL> from the POST screen.

### NOTE:

POST (Power-On Self Test) is a series of software controlled diagnostic tests that run when you turn on your Mini PC.

- Navigate to the Exit menu.
- Select the Load Optimised Defaults option or press <F4>.
- Select OK to load the default BIOS values.





# Chapter 3

## Upgrading your Mini PC

Kindly contact our support team on **+91-9990344247** Or drop an email at [support@thinvent.in](mailto:support@thinvent.in) to learn about upgrading your Mini PC

## Appendix

### Safety Information

Your Mini PC is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

To avoid injury, be careful of:

- Damage to power adapter wires that could cause a short circuit
- To reduce the possibility of heat-related injuries or of overheating the device, do not place the device directly on your lap or obstruct the device air vents.
- Use the device only on a hard and flat surface.
- Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or rugs or clothing, to block airflow.
- Also, do not allow the AC adapter to contact the skin or a soft surface, such as pillows or rugs or clothing, during operation.
- When the computer is plugged into an AC power source, voltage is always applied to the system board. You must disconnect the power cord from the power source before opening the computer to prevent system board or component damage
- Always be properly grounded when touching a sensitive component or assembly.
- Avoid contact with pins, leads, or circuitry.



## Operating Guidelines

- To prevent overheating and to help prolong the life of the Mini PC:
- Keep the Mini PC away from excessive moisture, direct sunlight, and extremes of heat and cold.
- Never restrict the airflow into the Mini by blocking any vents or air intakes.
- Occasionally clean the air vents on all vented sides of the Mini PC. Lint, dust, and other foreign matter can block the vents and limit the airflow. Be sure to unplug the Mini PC before cleaning the air vents.
- Never operate the Mini PC with the cover or side panel removed.
- **Do not stack computers on top of Mini PC that may be subject to each other's re-circulated or preheated air.**
- If the Mini PC is to be operated within a separate enclosure, intake and exhaust ventilation must be provided on the enclosure, and the same operating guidelines listed above will still apply.
- Keep liquids away from the Mini PC
- Never cover the ventilation slots on the Mini PC with any type of material.

## Lithium Coin Cell Battery

The battery that comes with the computer provides power to the real-time clock and has a minimum lifetime.

### WARNING!

This computer contains a lithium battery. There is a risk of fire and chemical burn if the battery is handled improperly. Do not disassemble, crush, puncture, short external contacts, dispose in water or fire, or expose it to temperatures higher than 140°F (60°C). Do not attempt to recharge the battery.



**NOTE:**

Batteries, battery packs, and accumulators should not be disposed of together with the general household waste. In order to forward them to recycling or proper disposal, please use the public collection system or return them to Thinvent, their authorised partners, or their collections centre.

## **Warranty And Services**

Thinvent Technologies grants to its End Customers a standard one-year hardware warranty for the thin client after delivery of the product by Thinvent Technologies Pvt. Ltd.

- The purchased product should have the seal of warranty void.
- The warranty product must include the invoice mentioned with the serial number.

### **Serial Number Location**

Each device has a unique serial number that is located on the exterior of the thin clients. Keep these numbers available for use when contacting customer service for assistance.

### **Warranty Case**

If any defects in material and workmanship occur during the warranty period Thinvent Technologies will, at its option, either replace a defective product with a new or rebuilt product or repair it with new or rebuilt parts at no charge, except for the warranty exclusion reasons stated below. Replaced parts or products become the property of Thinvent Technologies.

### **Warranty Exclusion Reasons**

The hardware warranty assumes no liability for the loss of or damage to goods following:

- Shipping or improper installation or maintenance.
- Misuse, neglect, adjustment or improper environment.
- Any cause other than ordinary commercial application.
- Repair, modification or installation of options or parts by the End Customer or an unauthorised third party.



- Excessive or inadequate heating or air conditioning, or electrical power failures, surges, or other irregularities.
- Usage outside of the technical specifications of the product.
- Use of adaptors besides the one provided by the company.
- Burn Operating System, from a third party secretly.
- Damage caused by accident, abuse, misuse, fire, liquid contact, earthquake or other external cause
- To cosmetic damage, including but not limited to scratches, dents and broken plastic on ports unless failure has occurred due to a defect in materials or workmanship.
- Thinvent Technologies is not liable for product descriptions and warranties made by other parties or persons than Thinvent Technologies.

## Frequently Asked Questions

- **My Mini PC won't turn on. What should I do?**

Check if the power adapter is properly connected to the mini pc and the electric socket. Also, check the correct voltage is supplied to the Mini PC and make sure that the same adapter is being used which is provided by the company.

- **The Mini PC is running slow. Any suggestions to improve its performance?**

Close unnecessary background applications to free up system resources. Keep it in a well-ventilated area and clean any dust buildup and also make sure the device is not overheating

- **Can I upgrade the components in Mini PC, such as RAM or storage ?**

This depends on the model. Some mini PC's allow for component upgrades, while others have fixed configuration. Contact Support team for the same.



- **How do I connect my Mini PC to Wi-Fi ?**

Usually, you can connect to Wi-Fi by accessing the network settings through the operating system's interface. Select your Wi-fi network and enter the password if required. If it does not support you can plug in a USB Wifi Dongle and install its drivers.

- **Does it support Dual Display ?**

Yes it supports, since it has HDMI and VGA Ports.

- **How can I use my earphones with the same mic and speaker output?**

You can use it via converter or USB headsets.

- **My computer/monitor does not turn on after connecting the device. What should I do ?**

Check if the monitor is on and also check if the HDMI/VGA connection is connected properly

## **Get In Touch**

Our support team is always happy to assist you with any problems you may face in using our products. Please feel free to reach us using the following means.

### **Support Hotline:**

Mobile: +91 99903 44247

Phone: 91-11-430-77467

Email:

support@thinvent.in

### **Corporate Office**

1142, Tower B3, Spaze

i-Tech Park

Sector 49, Sohna Road

Gurgaon – 122 018

Phone: 91-11-430-77467

### **Branch Office**

316, Gera Imperium

Grand Patto, Panaji

Goa – 403001

Phone: 0832-291-4423

