

# TinyPC User Manual

## 1. Product Specifications

Item	Description
CPU	Intel Sandy Bridge Celeron 847 dual-core 1.10GHz
Chipset	Intel NM70
RAM	2GB/4GB – DDR3
Storage	2.5" SATA 250GB / 320GB / 500GB HDD
Graphics	Intel HD Graphics
LAN	Built-in Ethernet supporting 10/100/1000 Mbps
WIFI	Built-in WIFI supporting IEEE 802.11 b/g/n
I/O	VGA x1, HDMI x1, RJ45x 1, 1 x USB 3.0 Ports, 3x USB 2.0 Ports Audio-In x1, Line Out x1
Power	AC 100~240V 50/60Hz, 19v~3.42A 65W
Monitor	Supplied separately
Keyboard/Mouse	Supplied separately
Dimensions	19.3(L) X 14.8(W) X 2.2(H) cm
Weight	530g
Operating System	Pre-installed with FREE DOS; Supports Win7/Win8



### Important information for your safety and comfort

Please read these instructions carefully before using the product and save for future reference.

- Ensure that the Mini-PC is turned off and disconnected from the mains supply before cleaning
- Do not use liquid or aerosol cleaners, a damp cloth should suffice
- Insert the power connector into the Mini PC before plugging the mains cable into the AC power outlet.
- When you need to disconnect power to the equipment, unplug the power cord from the AC power outlet before removing the power connector from the Mini PC.

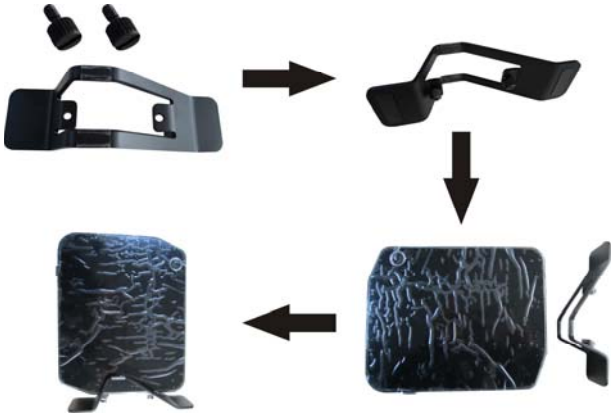
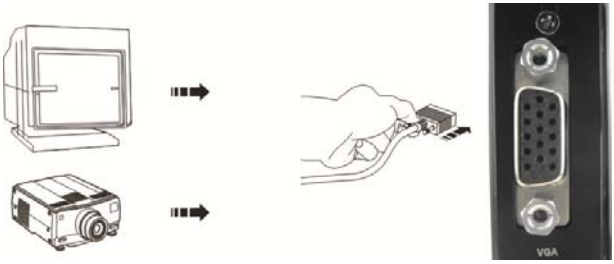
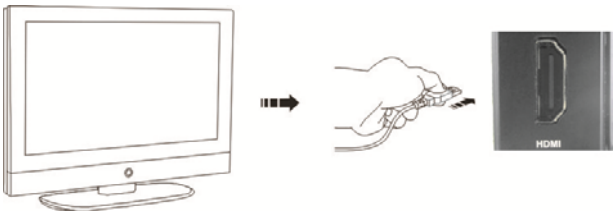
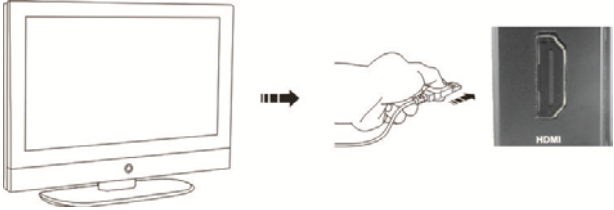
## 2. Product Overview

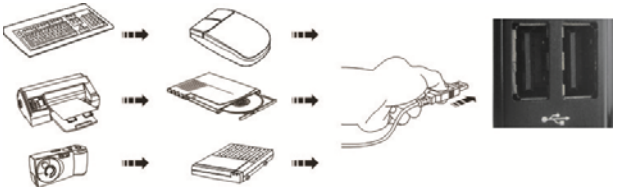
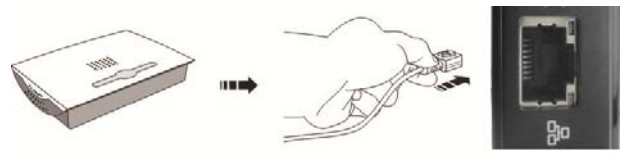
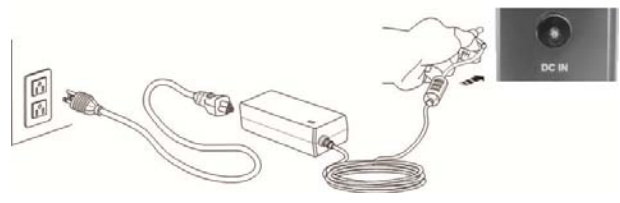
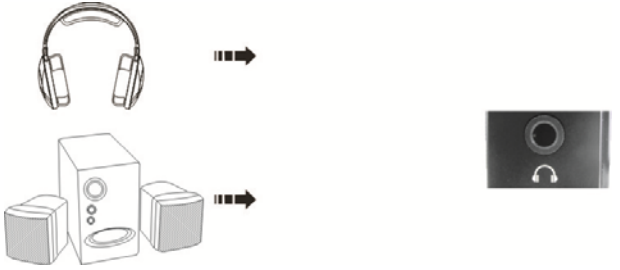


### Features

No.	Item	Description
1	Power Switch and Power Indication light	The power switch allows you to switch the Mini PC ON or OFF. The light will glow when the power is on
2	HDD Activity Indicator	Light will glow when the hard disk is in use
3	VGA port	To connect to a VGA monitor
4	HDMI port	To connect to an HDMI monitor
5	Rear USB 2.0 Ports	To connect to USB devices
6	LAN Port	To connect to an Ethernet LAN cable
7	DC Input	To connect the power supply
8	Audio out jack	To connect to headphones or speakers
9	Microphone in jack	To connect to a microphone or other audio source
10	Front USB3.0 Ports (remove cover)	To connect to USB devices.

## 3. Sapphire Mini PC Setup and Connections

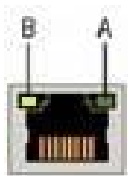
<p><b>To attach the Desktop Stand</b></p> <ol style="list-style-type: none"> <li>(1). Feed the thumb screw provided through the hole in the base of the stand</li> <li>(2). Align stand with the base of the Mini PC</li> <li>(3). Hand tighten the screw</li> </ol>	
<p><b>To connect to a VGA display</b></p> <p>Connect the VGA monitor or other display device to the 15 pin D-Sub connector found on the rear of the unit.</p>	
<p><b>To connect to an HDMI display / TV</b></p> <p>Connect the HDMI monitor or other display device to the HDMI connector found on the rear of the unit.</p>	
<p><b>To connect to a DVI display</b></p> <ol style="list-style-type: none"> <li>(1). Connect the HDMI to DVI adapter included with the Mini PC to the HDMI port found at the rear of the unit.</li> <li>(2). Connect the DVI monitor to the female DVI port on the adapter.</li> </ol>	

<p><b><i>To connect USB devices</i></b>  Connect USB devices to the USB ports found both at the rear of the unit and under the cover on the front of the unit.</p>	
<p><b><i>To connect to the network</i></b>  Connect the Ethernet cable from your network switch / router to the RJ45 LAN connector found at the back of the unit.</p>	
<p><b><i>To connect the power adapter</i></b>  Connect the power connector from the supplied power supply to the DC – In connector found on the rear of the unit BEFORE attaching the mains power cable to an AC outlet.</p>	
<p><b><i>To connect speakers or headphones</i></b>  Connect the 3.5mm audio cable to the Audio Out jack found at the rear of the unit.</p>	

<p><b>To connect a microphone or other audio source</b></p> <p>Connect the 3.5mm audio cable to the Line In jack found at the rear of the unit.</p>	
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**Note:**

This Mini PC provides one standard RJ-45 jack for connecting to a Local Area Network (LAN). Two LEDs are built into the RJ-45 LAN connector. These LEDs indicate the status of the LAN.



LED	LED Color	LED state	Indicates
A	Green	Off	LAN link is not established
		On	LAN link is established
		Blinking	LAN activity is occurring
B	N/A	Off	10 Mb/s data rate
	Green	On	100 Mb/s data rate
	Yellow	On	1000 Mb/s data rate

## Warnings

- Do not use this product near water or a heat source such as a radiator.
- Do not place this product on an unstable stand or surface. If the product falls, it could be seriously damaged.
- The ventilator on the enclosure is used for air convection and to prevent the equipment from overheating. Do not cover the ventilator
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
- Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Keep this equipment away from humidity and high temperature
- Do not leave the equipment in an unconditioned environment with a storage temperature above 60°C (140°F) or below 0°C (32°F), which may damage the equipment.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.
- Route the power cord in a way that people are unlikely to step on it. Do not place anything on top of the power cord.
- Keep any strong magnetic or electrical objects away from the equipment.
- Your device and its accessories may contain small parts. Keep them out of the reach of small children.

## REACH

Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework

## Lithium-Ion Battery Warning

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

## CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



## **CE marking for devices without wireless LAN/Bluetooth**

The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC “Electromagnetic compatibility” and 2006/95/EC “Low voltage directive”.

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

- Article Safety
  - EN60950
- Article EMC
  - EN301 489-1/-17
- Article Spectrum Usages
  - EN300 328

## **WEEE Statement**

Under the European Union (“EU”) Directive on Waste Electrical and Electronic Equipment, Directive 2002/96/EC, effective from August 13, 2005, states products of “electrical and electronic equipment” no longer may be discarded as municipal waste. Please refer to your original point of purchase for instruction on the correct procedure of discarding as municipal waste. It is the sole responsibility/obligation of the local authorized reseller/distributor of such covered electronic equipment to take back such products at the end of their useful life.



For better environmental protection, waste batteries should be collected separately for recycling or special disposal.



## **FCC Statement**

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 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 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.