

# ***Pokini***

## **User Manual**





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# Introduction

## 1.1 Package contents



1. Pokini i computer
2. 12V DC power supply (Input 100 - 240 V AC 50/60 Hz, Output 12V DC 5A, DC plug with locking ) cord length approx. 150cm
3. Power cable (German and US)
4. 3.5mm to cinch audio jack
5. HDMI to DVI adapter
6. 2x WiFi antenna
7. 4x rubber feet

### For starting up your Pokini, you will need:

- A display with HDMI / DVI or DisplayPort input and the needed cable. Plus, a USB mouse and keyboard.

## 1.2 Hardware specifications

### Hardware

<b>CPU</b>	Intel® Celeron 827E (64bit, 1x 1,4 GHz, 512 KB Cache)* Intel® Celeron 847E (64bit, 2x 1,1 GHz, 512 KB Cache)* Intel® Core i3-3217UE (64bit, 2x 1,6 GHz, 512 KB Cache)* Intel® Core i7-3517UE (64bit, 2x 1,7 GHz, 512 KB Cache)*
<b>Chipset</b>	Intel® 6 / 7 Series System Controller Hub
<b>Memory</b>	2 slots for DDR3 SO-DIMM(1333) (max. 16 GB)
<b>Storage</b>	Internal slot for 2.5" SSD (max 9,5mm)
<b>Display &amp; Graphics</b>	Intel® HD Graphics 2000* Intel® HD Graphics 3000* Intel® HD Graphics 4000* HDMI > resolution up to 1920 x 1200 with 60 Hz DisplayPort > resolution 2560 x 1600 with 60 Hz
<b>Audio</b>	7.1 channel S/PDIF in/out
<b>Network</b>	2x 1000 BaseT RJ45 Ethernet WLAN 802.11b/g/n (MiniPCI with BT 4.0)
<b>USB</b>	2x USB 2.0 (480 Mb/s), 2x USB 3.0 (5 Gb/s)
<b>Serial</b>	mini RS232 (Attention! No adapter included)
<b>eSATA</b>	2x eSATA
<b>Additional Features</b>	2x WLAN antenna connectors

\* depends on model

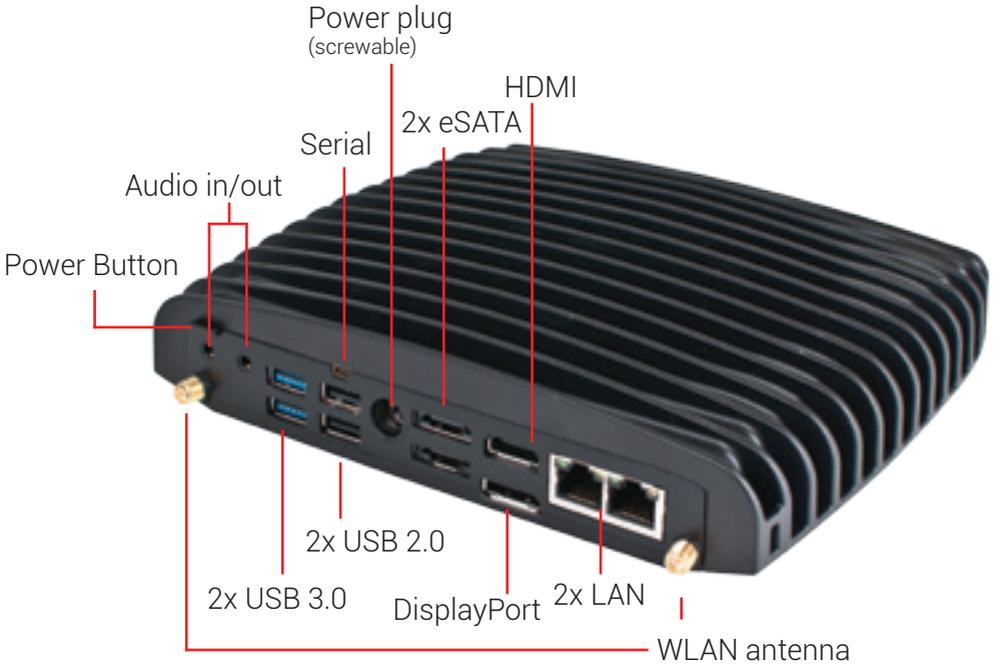
## Software

<b>BIOS</b>	Phoenix BIOS Supported boot devices: USB thumb drive, USB hard disk, network
<b>Operating System</b>	Windows® 7 Linux Mint 13 ( <a href="http://www.pokini.de">www.pokini.de</a> ) for download (Other operating systems can be installed by user)

## Mechanical and Environmental

<b>Case</b>	100% aluminum / die cast body
<b>Dimensions</b>	190 x 160 x 40 mm
<b>Weight</b>	1100g incl. SSD
<b>Operating Temperature</b>	0 – 70 °C with SSD
<b>Power Supply</b>	12V power supply, screwable power plug
<b>Power Consumption</b>	Idle Modus (S0): 10 watts Standby (S3): 2 watts Soft Off (S5): 2 watts

## 1.3 Pokini Features



### USB

On the back of the Pokini, following ports can be found:

- 2x USB 2.0 with 480 Mbps

- 2x USB 3.0 (blue) with 5 Gbps

All ports do also support Highspeed USB 2.0.

### Serial Port

There is a Mini-RS232 port located on the back. A mini serial to DB9 adapter can be purchased separately.

## DVI

The Pokini i has HDMI and a DisplayPort.

1. HDMI with audio
2. DisplayPort

To be able to use a DVI display, use the HDMI → DVI adapter.

Please consider that the audio has to be connected separately.

## Audio

On the back of the case there are 2 built-in standard 3,5mm audio jacks.

### Right:

- Stereo line-out with 3,5mm jack
- S/PDIF 7.1 with the shipped cable

### Left:

- Stereo line-in with 3,5mm jack
- S/PDIF 7.1 with the shipped cable

## LAN

Pokini has 2x 10/100/1000 BaseT Ethernet ports using standard RJ45 connectors. Use a standard Ethernet cable to for connecting.

The connector has built-in LEDs that are lit when a connection is detected.

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## WLAN

The Pokini i comes with a AzureWave module (MiniPCI) installed, which supports WLAN b/g/n. The module includes Bluetooth 4.0 as well.

## Power button

Pokini has a tactile power push-button. It is used for turning on/off the Pokini and for standby/resume when supported by the operating system. A push of at least 5 seconds will always turn off the Pokini.

→ *Note: Pokini supports auto-on. When connected to power, it will power-up automatically.*

## LEDs

The Pokini logo on the front lights up when the system is powered off (Power LED).

When the logo is blinking > hard drive activity

## Additional hardware (front modules)

There are different front modules available for the Pokini i. With these modules you can extend the functionality of it.

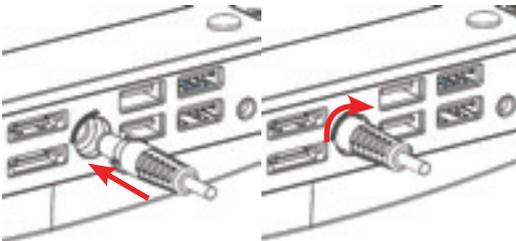
- 4x RJ45 1000 Base T Ethernet (Intel 82583V) and 4x USB 2.0 (480Mbps)
- 1x RJ45 1000 Base Ethernet (RT28111) and 4x USB 2.0 (480Mbps)
- 2x mini PCIe slots (fullsize)

These modules (Funktionen-Connectivity Extension Modules) are extension cards which can be installed internally to increase the connection possibilities.

# Quick start guide

## 2.1 Connecting Pokini i

- Turn off the display and connect it to the Pokini HDMI connector (use the HDMI to DVI adapter if needed).
- Connect the USB keyboard and mouse to USB connectors.
- Plug the speakers into the line-out jack.
- Plug the Ethernet cable into the Ethernet connector.
- Mount the WiFi Antenna on the SMA connector by turning it clockwise repeatedly until the antenna holds firm.
- Insert the DC plug into the Pokini DC in jack.
- It is recommended to secure the power plug using the adjacent screw.



- Connect the power supply to the AC cord and plug the cord into AC outlet. The power LED should light up as the Pokini boots.

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## 2.2 Booting Linux (applies to Pokini Linux)

Linux Mint 13 loads automatically on power up.

Login:

Username:	pokini
Password:	rootroot

## 2.3 Booting Windows 7 (applies to Pokini Win7)

Upon first power-up, you will be guided through the Windows Welcome procedure which is self-explanatory. The Windows 7 serial number is printed on the Windows 7 label on the bottom of your Pokini.

## 2.4 BIOS

Press „F2“ for the BIOS screen to show.  
For entering the boot menu, hit „F5“ while booting.

# Maintenance

The Pokini requires no maintenance. You should not take the Pokini apart - this will void its warranty.

The following operations can be conducted by the user:

## 3.1 Affixing rubber feet

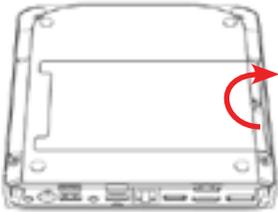
You should stick the rubber feet to the bottom of the Pokini to protect the supporting surface.

Recommended rubber feet placement is shown below:

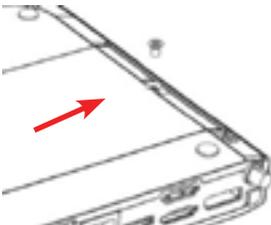


## 3.2 Installing Hard Disk

1. Open the screws on the back as shown below.



2. Slide the cover till block- approx. 10 mm.



3. The cover is now detached. Lift the cover on the side to remove it completely.



Accessories: (not included)

- VESA mount
- VESA mount for mounting the Pokini on a wall or TFT display
- Cap rail mount

## Drivers

All drivers can be found on the included CD  
or on the internet: [www.pokini.de](http://www.pokini.de) → Products → Pokini i → Downloads

## Support

**You have questions of a technical manner?**

You can find loads of answers for the most common questions on  
[www.pokini.de](http://www.pokini.de)

If you have got more questions or problems, please send us an email to:

**[support@pokini.de](mailto:support@pokini.de)**



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