ZOTAC
ZBOX
PRO

USER'S MANUAL

READY
ETP

FC C€ 10 HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

291-MB387-02ZTF

EMBEDDED
SOLUTIONS

ZP-PI335GK-BT
User's Manual

No part of this manual, including the products and software described in it, may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form or by any means, except by the purchaser for backup purposes, without the express written permission of ZOTAC.

Products and corporate names mentioned in this manual may be registered trademarks or copyrights of their respective companies, and are used for identification purposes only. All trademarks are the property of their respective owners.

Every effort has been made to ensure the contents of this manual are correct and up to date. However, the manufacturer makes no guarantee regarding the accuracy of its contents, and reserves the right to make changes without prior notice.

Table of Contents

Specifications

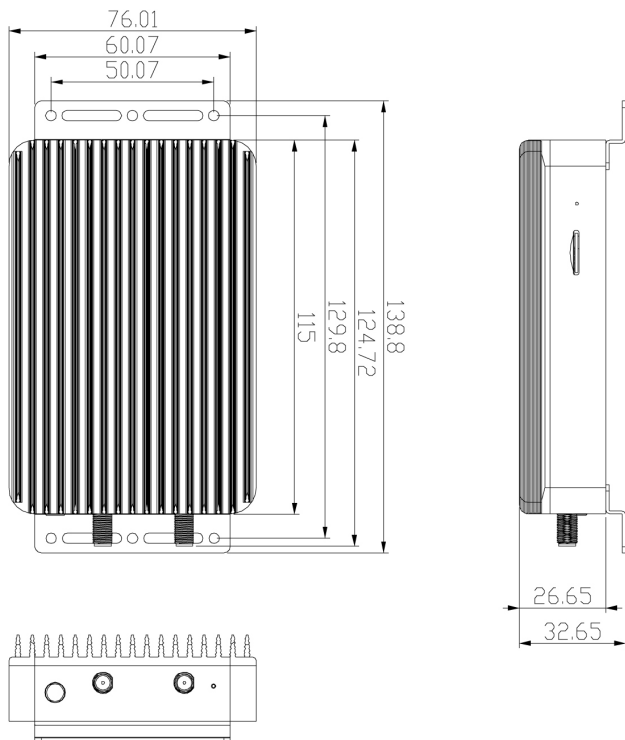|	
Microprocessor Support	• Intel Celeron N4100, Quad-core 1.1 Ghz/2.4 Ghz, 4 MB cache
Onboard Graphics Support	• Intel UHD Graphics 600
	• HDMI 2.0 (max resolution: 4096x2160 @60Hz)
	• DP 1.2 (max resolution: 4096x2160 @60Hz)
Memory	• Onboard 4 GB LPDDR3
USB Ports	• Two USB 3.0 ports
	• One USB 3.0 Type-C port
Audio	• One combo headphone/microphone jack
Storage	• Onboard 64 GB eMMC flash
	• 2-in-1 card reader (Micro SDHC/SDXC)
WiFi Support (optional)	• 802.11ac Wi-Fi (dual-band)
	• Bluetooth 4.2
Operating Systems	• Supports Windows 10 IoT, Ubuntu 16.04
H/W watchdog timer	• Timeout value = 1 ~ 4095 seconds
Case Dimension	• 115.0mm x 76.0mm x 26.7mm

76.01
60.07
50.07
138.8
124.72
129.8
115
26.65
32.65

Safety instructions

ZP-PI335GK-BT 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.

- ❖ Read and follow all instructions in the documentation before you operate your system.
- ❖ Do not use this product near water or a heat source such as a radiator.
- ❖ Set up the system on a stable surface with the provided stand. Never use the system alone without the stand.
- ❖ Openings on the chassis are for ventilation. Do not block or cover these openings.
- ❖ Make sure you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- ❖ Use this product in environments with ambient temperature on below conditions:
  Main unit: -20°C - +45°C
  AC adapter: +0°C ~ +40°C
- ❖ Do not walk on the power cord or allow anything to rest on it.
- ❖ Do not spill water or any other liquids on your system.
- ❖ When the system is turned off, a small amount of electrical current still flows. Always unplug all power, modem, and network cables from the power outlets before cleaning the system.
- ❖ If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
  - ➢ The power cord or plug is damaged.
  - ➢ Liquid has been spilled into the system.
  - ➢ The system does not function properly even if you follow the operating instructions.
  - ➢ The system was dropped or the cabinet is damaged.
  - ➢ The system performance changes.

Package contents

Thank you for choosing our ZP-PI335GK-BT. The following illustration displays the package contents of your new ZP-PI335GK-BT. If any of the below items is damaged or missed, contact your retailer.

- 1 x ZP-PI335GK-BT
- 1 x L-shaped mounting kit
- 2 x Mounting screws
- 1 x AC Adapter
- 1 x CTIA<=>OMTP adapter
- 1 x USB flash drive
- 1 x User Manual (soft copy)

Port Layout

1. USB 3.0 Type-C port

The USB 3.0 type-C port supports the SuperSpeed USB 3.0 devices. Use this port for USB 3.0 devices for maximum performance with USB 3.0 compatible devices.

2. DisplayPort

DisplayPort supports both external (box-to-box) and internal (laptop LCD panel) display connections.

3. HDMI port

The HDMI (High Definition Multimedia Interface) port supports a UHD device such as an LCD TV or monitor to allow viewing on a larger external display.

4. Combo Headphone/Microphone jack (3.5mm)

The combo headphone/microphone jack (3.5mm) is used to connect the system's audio out signal to amplified speakers, 3-pole headphones or 4-pole OMTP headphones.

Note: The combo headphone/microphone jack does not support the traditional microphone.
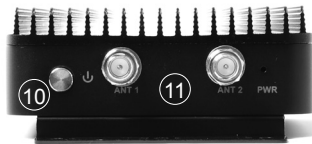
5. Ethernet port

The eight-pin RJ-45 LAN port supports standard Ethernet cable for connection to a local network.

6. MicroSD memory card slot
The built-in memory card reader supports Micro SDHC/SDXC cards to expand the storage capabilities of the ZP-PI335GK-BT.

7. Reset hole
Insert a pin into the reset hole for 3 seconds to clear CMOS.

8. Power input (DC 5V, 4A)
The supplied power adapter converts AC power to DC power for 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 adapter.

9. USB 3.0 ports
The USB 3.0 port supports SuperSpeed USB 3.0 devices and is backwards compatible with USB 2.0/1.1 devices. Use this port for USB 3.0 devices for maximum performance with USB 3.0 compatible devices.

10. Power button
The power button turns the system ON and OFF.

11. WiFi antenna connectors
The WiFi antenna connector supports the included WiFi antenna.

Note 1: The power adapter may get warm or hot when in use. Do not cover the adapter and keep it away from your body.

Note 2: Due to the unique design, some connectors are placed upside down.

Using your ZP-PI335GK-BT

Configuring a wireless connection
Please follow the instructions below to connect to a wireless network:
1. Double-click the wireless network icon (pic) in the notification area.
2. Select the wireless network you want to connect to from the list and click Connect.
3. After connection is established, you will see "Connected."
    Note 1: For security concerns, Do NOT connect to an unsecured network, otherwise, the transmitted information without encryption might be visible to others.
    Note 2: Enter the network security key if necessary.

Configuring audio output
Follow the steps below to enable audio output via HDMI/ DP when connecting the ZP-PI335GK-BT to a TV or receiver via HDMI/ DP.
1. Access the Sound settings via the system Control Panel.
2. Under Playback devices, click the display device that corresponds with your HDMI/ DP audio compatible display
3. Click the "Set Default" button in the lower right hand corner.
4. Click "OK" to exit the setup.