

Equipped with a power-efficient Intel Celeron processor, the smallest embedded solution in the ZBOX PRO Series is ideal for IoT-related applications, industrial control, digital signage, and edge computing. With HDMI and DisplayPort outputs in a pint-size chassis, the ZBOX PRO PI336 pico can power digital signage displays deployed in remote or commercial areas where space is limited.

This lightweight and pocketable unit features 4K output that operates at around 12W under load and features a vast array of full-sized connectivity including USB 3.1, Gigabit LAN, WiFi 6E, and Bluetooth 5.2.



TECHNICAL SPECIFICATIONS

FEATURES

- Passive Cooling Embedded Solution
- Ultra-small form factor: 115 x 76 x 26.7 (mm)
- Intel Celeron N6211 Dual core System-on-Chip with 1.5MB cache
- Dual Display Output: HDMI, DisplayPort
- Full network connectivity - Gigabit Ethernet, WiFi 6E, Bluetooth 5.2
- Hardware watchdog timer: Timeout value = 1-65535 (min/sec)
- Durable Aluminum Enclosure
- Long Product Life Cycle

PROCESSOR

- Intel Celeron N6211 (Dual-core 1.2GHz up to 3.0GHz)
- 1.5MB cache, 6.5W TDP

GRAPHICS ENGINE

- Integrated Intel UHD Graphics
- HDMI 2.0: up to 4096x2160@60Hz
- DisplayPort 1.2: up to 4096x2160@60Hz

MEMORY

- Onboard 4GB LPDDR4X memory

STORAGE

- Onboard 128GB eMMC 5.1 flash
- Micro SD/SDHC/SDXC memory card slot

DISPLAY OUTPUT

- 1 x HDMI 2.0
- 1 x DisplayPort 1.2

AUDIO INTERFACE

- 8-channel digital audio via HDMI port
- 3.5mm Stereo Headphone / Mic Combo jack

NETWORKING

- Gigabit Ethernet port
- WiFi 6E IEEE 802.11ax/ac/a/b/g/n
- Bluetooth 5.2

CONNECTIVITY

- 1 x USB 3.1 Type-C
- 2 x USB 3.1 Type-A

POWER INPUT

- DC 5V, 20W

OPERATING TEMPERATURE

- Main unit: -20°C - +45°C
- AC adapter: +0°C - +40°C

PHYSICAL DIMENSIONS

- Length: 115mm (4.53in)
- Width: 76mm (2.99in)
- Height: 26.7mm (1.05in)

SUPPORTED OS

- Windows 11 / 10 / 10 IoT ENT LTSC
- Ubuntu 20.04.3 LTS Linux

INSIDE THE BOX

- ZBOX PRO PI336 pico
- Universal AC adapter
- Detachable AC plugs (EU, UK, US regions)
- CTIA to OMTP 3.5mm audio adapter converter
- 2 x Wi-Fi Tri-band antenna
- USB Flash Drive with Drivers & User's Manual



WiFi 6E



GIGABIT LAN



4K
ULTRA
HD



FANLESS
OPERATION



MICRO
SDXC



USB 3.1
SUPERSPEED+



WATCHDOG
TIMER

