

The ZBOX PRO edge features passive cooling in an ultra-thin design. The ZBOX PRO edge CI342 enables a more robust option with no moving components while maintaining a low-profile design and a wide range of I/O connectivity.

A silent solution for edge computing, a nimble device for the industrial control, a powerful digital signage platform with support for dual 4K displays, and so much more in a silent and ultra-thin mini PC for embedded solutions.



TECHNICAL SPECIFICATIONS

FEATURES

- Passive Cooling Embedded Solution
- Intel Pentium N6415 Quad core System-on-Chip with 1.5MB cache
- Dual Display Output: HDMI, DisplayPort
- Hardware watchdog timer: Timeout value = 1-255 (min/sec)
- Durable Aluminum Enclosure
- Long Product Life Cycle

PROCESSOR

- Intel Pentium N6415 (Quad-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

- 2 x DDR4-3200MHz SO-DIMM slots (up to 32GB)

STORAGE

- 1 x M.2 2242/2280 key-M socket for SATA SSD / PCIe x2 NVME SSD
- 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

- 2 x 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
- 1 x Legacy RS232 (COM) port

POWER INPUT

- DC 19V, 40W

OPERATING TEMPERATURE

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

PHYSICAL DIMENSIONS

- Length: 147.2mm (5.8in)
- Width: 147.2mm (5.8in)
- Height: 31.1mm (1.22in)

SUPPORTED OS

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

INSIDE THE BOX

- ZBOX PRO edge CI342
- Universal AC adapter
- Power Cord (bundled cable type dependent on region)
- VESA mount kit
- 2 x Wi-Fi Tri-band antenna
- USB Flash Drive with Drivers & User's Manual



WiFi 6E



DUAL GIGABIT LAN



4K ULTRA HD



FANLESS OPERATION



SDXC CARD READER



USB 3.1 SUPERSPEED+



RS-232



WATCHDOG TIMER

