

Uniqueness defines this high-performance and versatile platform. With an Intel Celeron J6412 processor at its core, the ZBOX PRO CI333 nano puts power efficiency and quad-core processing in your projects to boost productivity for resource intensive applications.

The embedded system powers everything from research labs to Ultra HD Digital Signage showcases, and it features an array of connectivity options including HDMI, DisplayPort, RS-232 serial port, USB 3.1 ports, WiFi 6E, Gigabit Ethernet and more. Its fanless and ultra-compact design also enables installations at the most sound sensitive locations.



TECHNICAL SPECIFICATIONS

FEATURES

- Passive Cooling Embedded Solution
- Intel Celeron J6412 Quad core System-on-Chip with 1.5MB cache
- Multiple Display Output: 2x HDMI, DisplayPort
- Display Continuity Switch for digital signage applications
- Hardware watchdog timer: Timeout value = 1-255 (min/sec)
- Durable Aluminum Enclosure
- Long Product Life Cycle

PROCESSOR

- Intel Celeron J6412
- (Quad-core 2.0GHz up to 2.6GHz)
- 1.5MB cache, 10W 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 SATA-III 2.5" HDD/SSD bay
- 1 x M.2 2242/2260 key-M socket for SATA SSD
- SD/SDHC/SDXC memory card slot

DISPLAY OUTPUT

- 2 x HDMI 2.0
- 1 x DisplayPort 1.2

AUDIO INTERFACE

- 8-channel digital audio via HDMI port
- 3.5mm stereo headphone jack
- 3.5mm microphone jack

NETWORKING

- 1 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
- 3 x USB 3.1 Type-A
- 1 x USB 2.0 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: 160.0mm (6.30in)
- Width: 126.7mm (4.99in)
- Height: 58.7mm (2.31in)

SUPPORTED OS

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

INSIDE THE BOX

- ZBOX PRO CI333 nano
- Universal AC adapter
- Power Cord (bundled cable type dependent on region)
- VESA mount kit, L-mount kit
- 2 x Wi-Fi Tri-band antenna
- USB Flash Drive with Drivers & User's Manual



WiFi 6E



GIGABIT LAN



4K
ULTRA
HD



FANLESS
OPERATION



SDXC CARD
READER



USB 3.1
SUPERSPEED+



RS-232



WATCHDOG
TIMER

