

Powerful, fast, and rugged, the ZBOX PRO QK5P1000 has all it needs to bring speeding performance and powerful graphics to the table. Featuring the an Intel quad-core processor, it packs a professional grade NVIDIA Quadro P1000 graphics to deliver life-like graphics, and has a vast array of connectivity options including USB 3.0 ports, dual Gigabit Ethernet LAN, IEEE 802.11ac WIFI, and Bluetooth 4.2.

With four HDMI ports, it supports up to 4 displays to deliver fluid viewing at 4K 60 Hz resolution for life-like motion, making it the ideal solution for scientific visualization, digital art creation/production, CAD/CAM engineering, digital signage, and much more.



## TECHNICAL SPECIFICATIONS

### FEATURES

- Intel Core i5-7300U processor
- Quad HDMI 2.0 output powered by NVIDIA Quadro P1000 graphics
- Support software EDID emulation for digital signage application
- Hardware watchdog timer
- Rugged full metal active-cooling enclosure

### PROCESSOR

- 7th gen Intel Core i5-7300U, Dual-core 2.6GHz/3.5GHz
- 3MB L2 cache

### GRAPHICS ENGINE

- NVIDIA Quadro P1000 for Embedded GPU w/128-bit 4GB GDDR5
- NVIDIA Pascal architecture
- 640 NVIDIA CUDA cores
- Support NVIDIA Vulkan 1.1, Microsoft DirectX 12, OpenGL 4.5
- HDMI 2.0: 4096 x 2160@60Hz

### MEMORY

- 2 x DDR4L-2133 SO-DIMM slot (Up to 32GB)

### STORAGE

- 1 x SATA-III 2.5" HDD/SSD bay
- 1 x M.2 2242 key-M socket for NVMe/SATA SSD
- SD/SDHC/SDXC flash memory card slot

### DISPLAY OUTPUT

- 4x HDMI 2.0
- Support software EDID emulation by NVIDIA

### AUDIO INTERFACE

- 8-channel digital audio output via HDMI port
- S/PDIF optical audio output
- 3.5mm stereo headphone jack
- 3.5mm microphone jack

### NETWORKING

- 2 x Gigabit Ethernet port
- IEEE 802.11ac/a/b/g/n WIFI
- Bluetooth 4.2

### CONNECTIVITY

- 3 x USB 3.0 Type-A
- 1 x RS-232 serial port

### POWER INPUT

- DC 19V, 120W

### OPERATING TEMPERATURE

- Main unit: -20°C ~ +40°C
- AC adapter: +5°C ~ +35°C

### PHYSICAL DIMENSIONS

- Length: 210.0mm (8.27in)
- Width: 176.6mm (6.95in)
- Height: 44.4mm (1.75in)

### SUPPORTED OS

- Microsoft Windows 10
- Ubuntu 16.04 LTS

### INSIDE THE BOX

- ZBOX PRO QK5P1000
- Universal AC adapter
- Power Cord (bundled cable type dependent on region)
- L-mount kit
- 2 x Wi-Fi antenna
- USB flash with software & user's manual



802.11 AC  
WIFI



DUAL  
GIGABIT LAN



4K  
ULTRA  
HD



USB 3.0  
SUPERSPEED



SDXC CARD  
READER



RS-232



WATCHDOG  
TIMER

