ZOTAC®

ZBOX PRO

QTG7A4500 SKU: **ZP-QTG7A4500**

Powerful, fast and durable, the ZBOX PRO QTG7A4500 has all it needs to bring speeding performance and powerful professional graphics to the table. Featuring an Intel 8-core 16-thread processor, the professional grade NVIDIA RTX Ampere architecture delivers life-like graphics, and a vast array of connectivity options including USB 3.1 ports, 2.5G Ethernet and WiFi 6E.

With two HDMI 2.1 ports and two DisplayPort 1.4a, it supports up to 4 simultaneous 4K displays to deliver fluid viewing for life-like motion, making it the ideal solution for applications such as scientific visualization, medical analytics, VR & content creation/production, digital signage and much more.

TECHNICAL SPECIFICATIONS

FEATURES
• Intel Core i7 processor (8 cores and 16 threads)
• Quad Display Output powered by
  NVIDIA RTX graphics
• Hardware watchdog timer:
  Timeout value = 1-255 (min/sec)
• Active Cooling Embedded Solution
• Durable Full Metal Enclosure
• Long Product Life Cycle

PROCESSOR
• Intel Core i7-11850HE (embedded option)
  (8-core 2.6GHz up to 4.7GHz)
• 24MB cache, 45W TDP

GRAPHICS ENGINE
• NVIDIA RTX A4500 embedded GPU
  w/ 256-bit 16GB GDDR6
• NVIDIA Ampere architecture
• 5888 CUDA cores, 184 Tensor Cores, 125W TGP
• HDMI 2.1: up to 4096x2160@60Hz
• DisplayPort 1.4a: up to 4096x2160@60Hz

MEMORY
• 2 x DDR4-3200MHz SO-DIMM slots
  (up to 64GB)

STORAGE
• 1 x 2.5-inch SATA 3.0 HDD/SSD bay
• 1 x M.2 2242/2260/2280 key-M socket for
  NVMe/SATA/Optane SSD
• 1 x M.2 2242/2260/2280 key-M socket for
  NVMe/PCIe 4.0 SSD
• SD/SDHC/SDXC memory card slot

DISPLAY OUTPUT
• 2 x HDMI® Connector (supports 4K 120Hz HDR,
  8K 60Hz required dual head with DSC, and Variable
  Refresh Rate as specified in the HDMI 2.1 Specification)
• 2 x DisplayPort 1.4a

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

NETWORKING
• 1 x 2.5Gbit Ethernet, 1 x Gigabit Ethernet port
• WiFi 6E IEEE 802.11ax/ac/a/b/g/n
• Bluetooth 5.2

POWER INPUT
• DC 19.5V, 330W

CONNECTIVITY
• 1 x USB 3.1 Type-C
• 5 x USB 3.1 Type-A
• 1 x Legacy RS232 (COM) port

OPERATING TEMPERATURE
• Main unit: -20°C ~ +40°C
• AC adapter: +0°C ~ +40°C

PHYSICAL DIMENSIONS
• Length: 227.0mm (8.94in)
• Width: 202.5mm (7.97in)
• Height: 62.5mm (2.46in)

SUPPORTED OS
• Windows 11 / 10 / 10 IoT ENT LTSC
• Ubuntu 20.04.3 LTS Linux

INSIDE THE BOX
• ZBOX PRO QTG7A4500
• Universal AC adapter
• Power Cord
  (bundled cable type dependent on region)
• VESA & L-shaped Mounting Kit
• 2 x Wi-Fi Tri-band antenna
• USB Flash Drive with Drivers & User's Manual

WIFI 6E	DUAL LAN	ULTRA HD	SDXC CARD READER	USB 3.1 SUPERSPEED+	RS-232	WATCHDOG TIMER

intel CORE i7 · NVIDIA RTX · HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE · Windows 11 · Linux Compatible

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