ZOTAC®

EMBEDDED
SOLUTIONS

ZOTAC
ZBOX PRO

Built on precise engineering and deep expertise in computing technology and manufacturing, ZBOX PRO re-engineers the capabilities and small foot print of ZBOX Mini PCs to offer professional Intel and NVIDIA Jetson ARM based product selections for the embedded computing marketing with more controlled tolerances.

ZP-ZRP7N3500

ZBOX PRO
ZRP7N3500

CPU:	Intel Core i7-13700, 16-core 2.1GHz/5.2GHz, 30MB cache
GPU:	NVIDIA RTX 3500 Ada 12GB GDDR6 192-bit
Video Output:	2 x HDMI 2.1 (7680x4320@60Hz), 2 x DisplayPort 1.4a (7680x4320@60Hz)
Memory:	2 x DDR5-5600 SO-DIMM slot, up to 64GB
Storage:	1 x M.2 NVMe PCIe 4.0 x4 SSD slot (2230/2242/2280/22110)
	1 x M.2 NVMe PCIe 4.0 x4 / SATA SSD slot (2230/2242/2280/22110)
USB Port:	6 x USB 3.2 (1 x Type-C)
Wired Network:	2 x 2.5Gbit LAN
Wireless Network:	WiFi 6E, Bluetooth 5.3
Legacy I/O:	1 x RS232 serial port
Card Reader:	SD / SDHC / SDXC (UHS-I / UHS-II)
Supported OS:	Windows 11, Windows 10 IoT ENT LTSC, Ubuntu 22.04.3 LTS Linux
Features:	TPM 2.0 (Intel PTT), Hardware Watchdog
Dimensions (LxWxH):	209.8mm x 202.3mm x 62.5mm / 8.26in x 7.96in x 2.46in

ZBOX PRO
CI333 nano

SKU: ZP-CI333NANO

Cooling:	Fanless
CPU:	Intel Celeron J6412, Quad-core 2.0GHz/2.6GHz, 1.5MB cache
GPU:	Intel UHD Graphics
Video Output:	2x HDMI 2.0 (4096x2160@60Hz), 1x DisplayPort 1.2 (4096x2160@60Hz)
Memory:	2x DDR4-3200 SO-DIMM slot, up to 32GB
Storage:	SATA-III 2.5" HDD/SSD bay, M.2 2242/2260 key-M socket for SATA SSD
USB Port:	4x USB 3.1 (1x Type-C), 1x USB 2.0
Wired Network:	Gigabit LAN
Wireless Network:	Wi-Fi 6E, Bluetooth 5.3
Legacy I/O:	RS232 serial port
Card Reader:	SD/SDHC/SDXC
Supported OS:	Windows 11, Windows 10, Windows 10 IoT ENT LTSC, Ubuntu 20.04.3 LTS Linux
Features:	TPM 2.0 (Intel PTT), Hardware Watchdog
Dimensions (LxWxH):	160.0mm x 126.7mm x 58.7mm

ZBOX PRO
CI342

SKU: ZP-CI342

Cooling:	Fanless
CPU:	Intel Pentium processor N6415, Quad-core 1.2GHz/3.0GHz, 1.5MB cache
GPU:	Intel UHD Graphics
Video Output:	HDMI 2.0 (4096x2160@60Hz), DisplayPort 1.2 (4096x2160@60Hz)
Memory:	2x DDR4-3200 SO-DIMM slot, up to 32GB
Storage:	1x M.2 2242/2280 key-M socket for SATA SSD or PCIe x2 NVME SSD
USB Port:	3x USB 3.1 (1x Type-C)
Wired Network:	2x Gigabit LAN
Wireless Network:	Wi-Fi 6E, Bluetooth 5.3
Legacy I/O:	RS232 serial port
Card Reader:	micro SD/SDHC/SDXC
Supported OS:	Windows 11, Windows 10, Windows 10 IoT ENT LTSC, Ubuntu 20.04.3 LTS Linux
Features:	TPM 2.0 (Intel PTT), Hardware Watchdog
Dimensions (LxWxH):	147.2mm x 147.2mm x 31.1mm

ZBOX PRO
PI339 pico

SKU: ZP-PI339/ZP-PI339-P

Cooling:	Fanless
CPU:	Intel Alder Lake-N N100 quad-core 0.8GHz, up to 3.4GHz, 6MB Cache
GPU:	Intel UHD Graphics
Video Output:	2x HDMI 2.0 (4096x2160@60Hz)
Memory:	Onboard 4GB/8GB LPDDR5/X, 4800MHz
Storage:	2230/42/80 M Key SATA/PCIe 3.0 x4 M.2 storage
USB Port:	2x USB 3.1
Wired Network:	Gigabit LAN, Wake-on-LAN Support
Wireless Network:	Wi-Fi 6, Bluetooth 5.2, 2x external antennas
Supported OS:	Windows 11, Windows 10 IoT ENT LTSC 2021, Ubuntu 20.04.5 LTS Linux
Features:	TPM 2.0 (Intel PTT), Hardware Watchdog
Dimensions (LxWxH):	115.0mm x 76.0mm x 26.7mm

ZP-JETSONE-OX8 / ZP-JETSONE-OX16

ZBOX JETSON
ORIN NX EMBEDDED AI EDGE SYSTEM

Cooling:	Fanless
System On Module:	NVIDIA Jetson Orin NX 8GB / 16GB
GPU:	NVIDIA Ampere 1024-core GPU, 32 Tensor Cores
AI Performance:	70 TOPS / 100 TOPS
Video Output:	1 x HDMI 2.0 with locking screw
Video Input:	2 x Internal CSI-2 connector
Memory:	8GB / 16GB 128-bit LPDDR5 (onboard)
Storage:	256GB M.2 2280 NVMe SSD
USB Port:	2 x USB 3.0
Wired Network:	1 x Gigabit LAN, 1 x PoE Gigabit LAN
Wireless connectivity:	WiFi 6E
Legacy I/O:	1 x RS232 / RS485 serial port, 1 x CAN bus
Expansion:	40-pin I/O header
Supported OS:	Jetson Linux, Jetpack 5.1.1 SDK
Dimensions (LxWxH):	147.2mm x 147.2mm x 61.6mm / 5.79in x 5.79in x 2.43in

ZP-JETSONE-ON4 / ZP-JETSONE-ON8

Cooling:	Fanless
System On Module:	NVIDIA Jetson Orin Nano 4GB / 8GB
GPU:	NVIDIA Ampere 512-core GPU, 16 Tensor Core / 1024-core GPU, 32 Tensor Core
AI Performance:	20 TOPS / 40 TOPS
Video Output:	1 x HDMI 2.0 with locking screw
Video Input:	2 x Internal CSI-2 connector
Memory:	4GB / 8GB 128-bit LPDDR5 (onboard)
Storage:	256GB M.2 2280 NVMe SSD
USB Port:	2 x USB 3.0
Wired Network:	1 x Gigabit LAN, 1 x PoE Gigabit LAN
Wireless connectivity:	WiFi 6E
Legacy I/O:	1 x RS232 / RS485 serial port, 1 x CAN bus
Expansion:	40-pin I/O header
Supported OS:	Jetson Linux, Jetpack 5.1.1 SDK
Dimensions (LxWxH):	147.2mm x 147.2mm x 31.1mm / 5.79in x 5.79in x 1.22in

ZBOX JETSON
NANO EMBEDDED AI EDGE SYSTEM

ZP-JETSONE-N4

ZBOX JETSON
NANO EMBEDDED AI EDGE SYSTEM

Cooling:	Fanless
System On Module:	NVIDIA Jetson Nano
GPU:	NVIDIA Maxwell SoM 128 CUDA cores
AI Performance:	0.5 TFLOPS (INT16)
Video Output:	2 x HDMI 2.0 with locking screw
Video Input:	2 x Internal CSI-2 connector
Memory:	4GB 64-bit LPDDR4 (onboard)
Storage:	16GB eMMC flash Jetson onboard + 64GB eMMC flash onboard
USB Port:	1 x USB 3.0, 1 x USB 2.0
Wired Network:	1 x Gigabit LAN
Wireless connectivity:	WiFi 5
Legacy I/O:	1 x RS232 serial port
Expansion:	M.2 key-E socket (occupied by WIFI module)
Supported OS:	Jetson Linux, Jetpack 4.6.3 SDK
Dimensions (LxWxH):	147.2mm x 147.2mm x 31.1mm / 5.79in x 5.79in x 1.22in

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