

FLEX-BX210-Q470/W480

NEW



Feature

- 2U AI PC with 10th Generation LGA 1200 Intel® Core™/Xeon® processor with Intel® Q470/W480 chipset and DDR4 memory
- Four hot-swappable and accessible HDD drive bays support RAID 0/1/5/10
- Support PCIe 3.0 by 4 and PCIe 3.0 by 8 slots
- M.2 2280 PCIe 3.0 x4 NVMe™ SSD support
- Dual independent display with high resolution support
- TPM data protection and reliable authentication
- Support for optional Mustang series PCIe Accelerator Card for offloading AI/DL workloads

Specifications

intel

Model		FLEX-BX210-Q470/W480
System	CPU	Intel® Xeon® W-1290TE 1.8GHz (up to 4.5GHz, 10-core, TDP 35W) Intel® 10th Generation Core™ i9-10900TE 1.8GHz (up to 4.5GHz, 10-core, TDP 35W) Intel® 10th Generation Core™ i5-10500TE 2.3GHz (up to 3.7GHz, 6-core, TDP 35W)
	Chipset	Intel® 400 Series Chipsets (Comet Lake)
	Memory	2 x 288-pin 2933/2666 MHz dual-channel DDR4 unbuffered DIMM supporting up to 64GB Xeon W with 32GB RAM Pre-installed Core i9 with 16GB RAM Pre-installed Core i5 with 8GB RAM Pre-installed
	Graphics Engine	Intel® HD Graphics Gen 9.5 Engines with Low power 16 execution unit, supports DX2015, OpenGL 5.X and OpenCL2.x, ES 2.0
	Ethernet	LAN1: Intel® I219LM with Intel® AMT 11.0 supported LAN2/LAN3: Intel® I210 PCIe controller
	Storage	4 x accessible 2.5" HDD/SSD SATA 6 Gb/s bay (with RAID 0/1/5/10 support) with LED indicator 1 x NGFF M.2(2280) M Key socket (support NVMe SSD) Pre-installed 1 x 2.5" 1TB HDD
Wireless Communication	WLAN	Intel® AC 9260 802.11ac, 2.5/5GHz, 2T/2R (by M.2 2230)
	Bluetooth	Bluetooth V5.1
	WWAN and GNSS	M.2 3042 LTE (optional)
I/O Ports and Switches	I/O Ports and Switches	1 x Display port output 1 x HDMI output 1 x Line out 1 x AC inlet 2 x RS-232 DB-9 1 x Mic in 4 x SMA 6 x USB 3.2 Gen1 Type-A 3 x GbE LAN (1x I219 support vPro, 2x I210) Power button with power LED (power on=Blue) AT/ATX mode switch Reset button
	TPM	TPM 2.0 (pre-installed)
Expansion Slots		2 x PCIe 3.0 x8 2 x PCIe 3.0 x4 1 x M.2 B-Key 2242 socket (with SIM slot for 3G/LTE, supports PCIe 3.0 x1 & USB 3.2 Gen1) 1 x M.2 M-Key 2280 socket (supports PCIe 3.0 x4)
Thermal Solution		3 x System fan, 1 x CPU cooler
Power supply		AC input ATX power supply - 350W Power supply - Input: 90VAC~264VAC, 50/60Hz - Output (max.): 3.3V@14A, 5V@16A, 12V@29A, -12V@0.3A
Watchdog Timer		Software programmable support 1~255 sec. system reset
Construction	Chassis Construction	Metal housing
	Mounting	Wall/Rack mount
	Color	Black
	Dimensions (LxDxH) (mm)	357 x 230 x 88
	Net Weight	4 kgs
Environmental	Operating Temperature	-10°C ~ 50°C
	Storage Temperature	-20°C ~ 60°C
	Operating Humidity	5% ~95%, non-condensing
	Vibration	5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak
	Shock	10G acceleration part to part (11ms)
Safety/EMC		CE/FCC/RoHS

Ordering Information

Part No.	Description
With Mustang-V100-MX8	
FLEX-BX210AI-XE/32G/V-R10	2U AI Modular box PC, Intel® Xeon® W-1290TE 1.8GHz (up to 4.5GHz, 10-core, TDP 35W), 32GB DDR4, 2.5" 1TB HDD, TPM 2.0, 350W PSU, with Mustang-V100-MX8, Wi-Fi 802.11ac, R10
FLEX-BX210AI-i9/16G/V-R10	2U AI Modular box PC, Intel® 10th Generation Core™ i9-10900TE 1.8GHz (up to 4.5GHz, 10-core, TDP 35W), 16GB DDR4, 2.5" 1TB HDD, TPM 2.0, 350W PSU, with Mustang-V100-MX8, Wi-Fi 802.11ac, R10
FLEX-BX210AI-i5/8G/V-R10	2U AI Modular box PC, Intel® 10th Generation Core™ i5-10500TE 2.3GHz (up to 3.7GHz, 6-core, TDP 35W), 8GB DDR4, 2.5" 1TB HDD, TPM 2.0, 350W PSU, with Mustang-V100-MX8, Wi-Fi 802.11ac, R10
Without Mustang-V100-MX8	
FLEX-BX210AI-XE/32G-R10	2U AI Modular box PC, Intel® Xeon® W-1290TE 1.8GHz (up to 4.5GHz, 10-core, TDP 35W), 32GB DDR4, 2.5" 1TB HDD, TPM 2.0, 350W PSU, Wi-Fi 802.11ac, R10
FLEX-BX210AI-i9/16G-R10	2U AI Modular box PC, Intel® 10th Generation Core™ i9-10900TE 1.8GHz (up to 4.5GHz, 10-core, TDP 35W), 16GB DDR4, 2.5" 1TB HDD, TPM 2.0, 350W PSU, Wi-Fi 802.11ac, R10
FLEX-BX210AI-i5/8G-R10	2U AI Modular box PC, Intel® 10th Generation Core™ i5-10500TE 2.3GHz (up to 3.7GHz, 6-core, TDP 35W), 8GB DDR4, 2.5" 1TB HDD, TPM 2.0, 350W PSU, Wi-Fi 802.11ac, R10

Packing List

1 x Mounting Bracket	2 x Wi-Fi Antennas
1 x Power Cord	1 x QSG

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Dimensions (Unit: mm)

