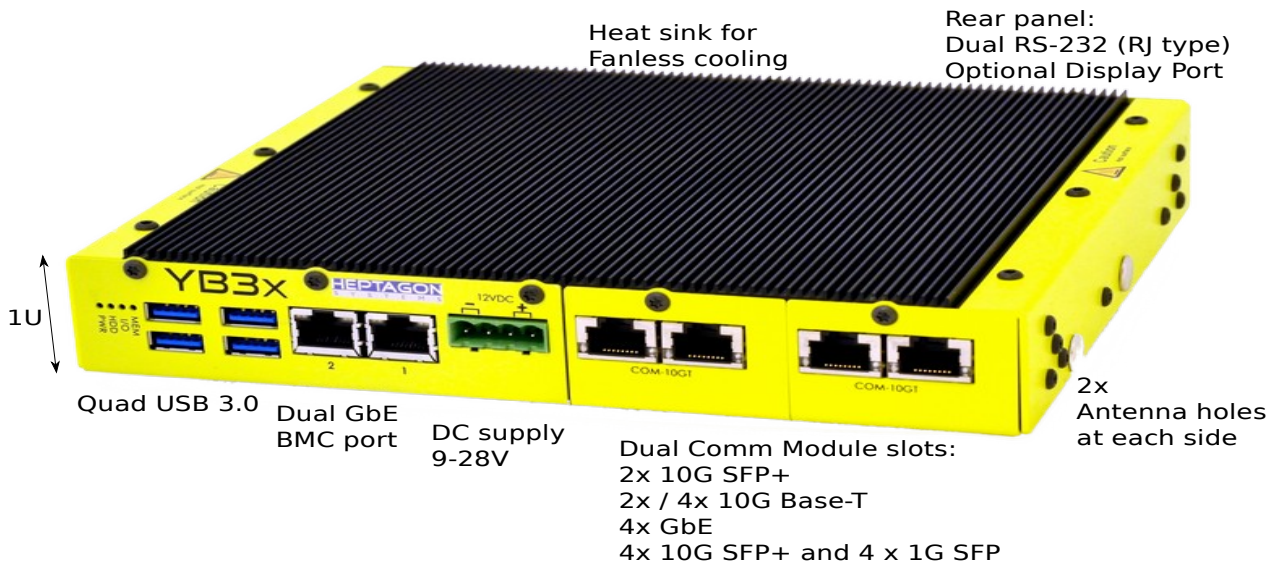


YB3x

IoT Edge / vCPE

Flexible & Powerful

IoT-Edge / Network appliance



- Based on Intel® Atom® C3000 Series, 4-16 cores (Denverton)
- Two slots of communication modules allowing mix and match of four ports of 10G SFP+ / 10G Base-T / GbE / 1G SFP.
- Dual GbE (i210-based) in all configurations.
- Wireless / WAN / BT through M.2 and Min PCIe slots.
- Rugged fanless design for harsh environments.
- Supply voltage ranging from 9VDC to 28VDC.
- Optional PCIe 3.0 x8 slot extension which can accommodate full height PCIe Add-on card.



HEPTAGON SYSTEMS

YB3x | Specification

Processor	Intel® Atom® C3000 Series. 2-16 cores		
Memory	2x VLP DDR4 ECC 2400 MHz, up to 128GB		
Storage	NVMe SSD: M.2 KEY M, PCIE3.0 x4, 2280 or 22110		
	SATA3 SSD: M.2 KEY B, 2280		
	EMMC: Up to 256GB boot media		
Networking	10 Gigabit with one of the following configurations: SFP+: 2x SFP+ or 4x SFP+ and 4x SFP (total 8 SFP) RJ45: 4x 10GBase-T Mix: 2x SFP+ and 2x 10GBase-T		
	Gigabit with one of the following configurations: 2x / 6x GbE ports		
	WWAN / WLAN: 4G, LTE, 3G / 802.11ac/ad, Wireless Gigabit		
	Bluetooth: BT 5.0		
Display	Display port, optional with BMC		
Interfaces	USB: 4x USB3.0		
	Serial ports: 2x RS232		
	CAN bus: Using mPCIE		
Expansion Slots	PCIe 3.0, 8-lane, Add-on slot. Full Height, Half Length (FHHL), up to 25W total		
	M.2 M-KEY: 1x socket, NVME, PCIe4		
	M.2 B-KEY: 1x socket, SATA, USB3.0/2.0 + SIM		
	M.2 E-KEY: 1x socket, PCIe1, USB2.0		
	MiniPCIe: 1x socket half size + SIM		
Management	Optional BMC AST2600, OpenBMC, IPMI 2.0, DCMI, iKVM, Virtual Media		
Security	TPM 2.0, SLB9665		
	SECURE BOOT, SECURE FLASH		
Power	12VDC or optional 9-28VDC with reverse polarity, Over/under voltage protection		
Software support	Windows: Win 10 IoT, WS2019 and higher		
	Linux: All major distributions		
Led	Power, SSD, 2x GPIO		
Mechanical	DIMENSIONS: 209x187x37.5mm (WxDxH), WEIGHT: 1.1Kg (not including the add-ons)		
Environment	OPERATING TEMPERATURE	Standard	0°C to 50°C
		Extended*	-20°C to 60°C
		Industrial*	-40°C to 72°C
			* On some configurations
	STORAGE TEMPERATURE	-40°C to 85°C	
	HUMIDITY	95%@40°C (non-condensing)	
Certification	EMC: CE, FCC ,AS/NZS, SAFETY: IEC 60950-1, AS/NZS		
Contact	Email	sales@heptagonsystems.com	
	Web	www.heptagonsystems.com	