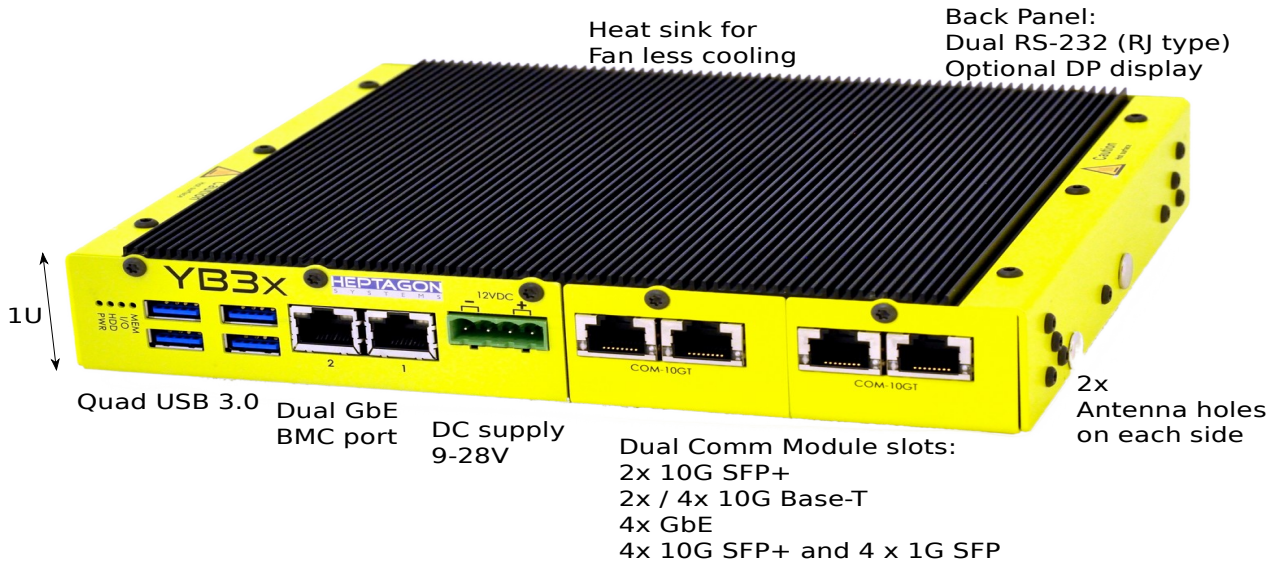


YB3x

IoT Edge / vCPE

Flexible & Powerfull 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 (i211 based) in all configurations.
- Wireless / Wan / BT trough M.2 and Min PCIe slots.
- Fanless and rugged design for harsh environments.
- **Wide supply-voltage ranging from 9VDC to 28VDC.**

- Optional PCIe 3.0 x8 slot extension which can accommodate full height PCIe Add-on card.



YB3_x | Specifications

Processor	Intel® Atom® C3000 Series, 2-16 Cores	
Memory	2 x VLP DDR4 ECC 2400 MHz, up to 64GB (optional 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 below configurations: SFP+: 2x SFP+ or 4x SFP+ and 4x SFP (total 8x 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 sockets, NVME, PCIe x4	
	M.2 B-KEY: 1x socket, SATA, USB3.0/2.0 + SIM	
	M.2 E-KEY: 1x socket, PCIe x1, 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 +add-ons	
Environment	OPERATING TEMPERATURE	Standard 0°C to 50°C Extended* -20°C to 60°C Industrial* -40°C to 72°C * On selected 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