

YB3x Series



Model Comparison: Distinctive Features

Model	1GbE RJ45	1GbE SFP	10GbE RJ45	10GbE SFP+	Total Ports	BMC w/DP	SSD Slots	PCIe Slot
Bare	2	0	0	0	2	Optional	3	Optional
SFP+	2	0	0	2	4	Optional	3	Optional
T	2	0	2	0	4	Optional	3	Optional
ST	2	0	2	2	6	Optional	3	Optional
TT	2	0	4	0	6	Optional	3	Optional
Ten	2	4	0	4	10	Optional	3	Optional
Six	6	0	0	0	6	Optional	3	Optional
OT	6	0	0	0	6	Yes	3	No

Technical Specifications (All Models)

Feature	Specification
Processor	Intel® Atom® C3000 Series, 2–16 cores (Denverton)
Memory	2× VLP DDR4 ECC 2400 MHz, up to 128 GB
Storage	NVMe SSD (M.2 Key M, PCIe 3.0 ×4, 2280 or 22110)SATA3 SSD (M.2 Key B, 2280)eMMC up to 256 GB boot media
Networking	Configurable; see model-specific table
Wireless	WWAN: 4G, LTE, 3GWLAN: 802.11ac/adBluetooth: BT 5.0
USB	4× USB 3.0
Serial ports	2× RS232
CAN bus	via MiniPCIe
Expansion	PCIe 3.0 ×8 (Full Height, Half Length, up to 25 W)M.2: M-Key (NVMe PCIe ×4), B-Key (SATA/USB), E-Key (PCIe ×1, USB 2.0)MiniPCIe half-size + SIM
Management	Optional BMC AST2600, OpenBMC, IPMI 2.0, iKVM, Virtual Media
Security	TPM 2.0, SLB9665, Secure Boot, Secure Flash
Power	12 V DC standard; optional 9–28 V DC, reverse polarity protection, over/under voltage protection
Mechanical	209 × 187 × 37.5 mm (W × D × H), 1.1 kg (without add-ons)
Operating Temperature	Standard: 0 °C to 50 °CExtended*: -20 °C to 60 °CIndustrial*: -40 °C to 75 °C (*on some configurations)
Storage Temperature	-40 °C to 85 °C
Humidity	95 % @ 40 °C, non-condensing
Certifications	EMC: CE, FCC, AS/NZSSafety: IEC 60950-1, AS/NZS
LED indicators	Power, SSD, 2× GPIO