

AIT-B16 (Model: SM8124)

Category	Specification
CPU Options	Intel® Core i5-1235U (10 C / 12 T, up to 4.4 GHz, Fanless) • Intel® Core i7-1255U (10 C / 12 T, up to 4.7 GHz, Fanless)
Memory	2 × DDR5 4800 SO-DIMM slots, max 64 GB
Graphics	Integrated Intel Iris Xe Graphics
Display Outputs	2 × DP 1.4 (up to 7680 × 4320 @ 60 Hz, dual display support)
Front I/O	2 × DP • 3 × Intel i210-AT LAN • 1 × Intel i219-LM LAN • 4 × USB 3.0 • 1 × Power Button
Optional I/O	2 × COM (RS-232 / RS-485 selectable)
Expansion Slots	1 × M.2 2280 (M-Key, SATA / NVMe PCIe x1) • 1 × Mini-PCle (full-length, PCIe + USB2.0, SIM slot for 4G / Wi-Fi / BT) • 1 × mSATA
Network	3 × Intel i210-AT + 1 × Intel i219-LM Gigabit Ethernet (LAN1 with vPro)
Storage	1 × M.2 2280 (NVMe / SATA)
Other Functions	TPM 2.0 • Auto Power On • Wake on LAN • PXE Boot • Watchdog Timer
Power Input	12 – 24 V DC via Phoenix terminal (AC adapter included)
Enclosure	High-quality aluminum chassis, grey (customizable color)
Operating Environment	Operating –20 °C to +60 °C (SSD) / 0 °C to +40 °C (HDD) • Humidity 5 – 95 % (non-condensing)
Weight / Dimensions	1.54 kg • 170 × 140 × 58 mm
Accessories	Power adapter, power cord, VESA mount, warranty card
Mounting Options	Wall-mount / DIN-rail mount
Warranty / Certificates	2 years • CE / FCC / RoHS compliant