

## AIT-B08 (SM09 Series)

Category	Specification
Model	SM09
CPU Options	Intel® Core i5-10210U / i5-10310U (4 C / 8 T, Turbo 4.2 GHz, fanless); Intel® Core i7-10610U / i7-10810U (6 C / 12 T, Turbo 4.7 GHz, fanless); Intel® Core i5-1135G7 (4 C / 8 T, Turbo 4.2 GHz, fanless); Intel® Core i7-1165G7 / i7-1185G7 / i7-1195G7 (4 C / 8 T, Turbo 4.7 GHz, fanless); Intel® Core i5-1235U / i7-1255U (10 C / 12 T, Turbo 4.4 – 5.0 GHz, fanless); Intel® Core i5-1335U (10 C / 12 T, Turbo 4.4 GHz, fanless)
Chipset	Integrated Intel SoC
Memory	2 × DDR5 SO-DIMM slots (12th / 13th Gen support), max 64 GB
Storage	1 × mSATA; 1 × M.2 NVMe 2280 (PCIe Gen 4 ×4); 1 × 2.5" SATA HDD/SSD
Graphics	Intel® UHD / Iris Xe Graphics (integrated)
Display	1 × HDMI, 1 × VGA
LAN	2 × GbE RJ45 (Intel® i210 / i211 / i229)
I/O Interfaces	4 × USB 3.2 Gen 1 / 3.0; 2 × USB 2.0; 6 × DB9 COM (4 × RS-232/485/422, 2 × RS-232); 1 × HDMI; 1 × VGA; 1 × PS/2 (keyboard + mouse); 14 × GPIO (7 in, 7 out); 1 × Power button; 1 × Reset; 1 × Clear CMOS; 1 × DC Phoenix (9 – 36 V DC); 1 × Audio out; 1 × Mic in; 2 × Antenna ports (Wi-Fi / 4G)
Expansion	1 × Mini-PCIe half-size (Wi-Fi/Bluetooth); 1 × Mini-PCIe full-size (with SIM slot for 3G/4G); 1 × Expansion I/O header (LPC/USB/PCIe)
BIOS	AMI EFI BIOS
Watchdog Timer	256 levels (0 – 255 s hardware reset)
Power Supply	9 – 36 V DC input (Phoenix terminal); external adapter AC 100 – 240 V included
Power Consumption	≤ 20 W
Cooling	Fanless aluminum alloy enclosure
Color	Black
Operating Temp.	–20 °C ~ +60 °C

Category	Specification
Storage Temp.	-30 °C ~ +70 °C
Humidity	10 % ~ 95 % (non-condensing)
OS	Windows 10, Windows 11, Linux
Dimensions	249 × 150 × 86 mm
Weight	2.2 kg (net); 3.5 kg (gross)
Mounting	Wall-mount / Embedded
Accessories	Power adapter, driver USB/CD, 2.5" HDD bracket, screws
Certificates	CE, FCC, RoHS