

AIT-B01 (SM03 Series)

| Category | Specification |
|------------------|--|
| Model | SM03 |
| CPU Options | Intel® Core i5-10210U (4 C / 8 T, Base 1.6 GHz, Turbo 4.2 GHz, fanless); Intel® Core i7-10610U (4 C / 8 T, Base 1.8 GHz, Turbo 4.9 GHz, fanless); Intel® Core i5-1135G7 (4 C / 8 T, Base 2.4 GHz, Turbo 4.2 GHz, fanless); Intel® Core i7-1165G7 / 1185G7 / 1195G7 (4 C / 8 T, Base 2.8 GHz, Turbo 4.7 GHz, fanless); Intel® Core i5-1235U / 1245U (10 C / 12 T [2 P + 8 E], Turbo 4.4 GHz, fanless); Intel® Core i7-1255U / 1265U (10 C / 12 T [2 P + 8 E], Turbo 5.0 GHz, fanless); Intel® Core i5-1335U (10 C / 12 T [2 P + 8 E], Turbo 4.4 GHz, fanless) |
| Chipset | Integrated Intel SoC |
| Memory | 2 × SO-DIMM slots (DDR4 for 10th–11th Gen CPUs / DDR5 for 12th–13th Gen CPUs), max 64 GB |
| Storage | 1 × mSATA; 1 × M.2 2280 NVMe (6th–13th Gen supported); 1 × 2.5" SATA HDD / SSD |
| Graphics | Integrated Intel UHD / Iris Xe Graphics |
| Display | 1 × HDMI, 1 × VGA (supports dual display mode) |
| Network | 2 × GbE RJ45 (Intel i211 / i210; 12th Gen with Intel i226) |
| I/O Ports | 4 × USB 3.0 / 3.2, 2 × USB 2.0, 6 × DB9 COM (4 × RS-485 / RS-422 selectable), 1 × HDMI, 1 × VGA, 1 × PS/2 keyboard & mouse combo, 14 × GPIO (7 in / 7 out), 1 × Power Button, 1 × Reset Button, 1 × Clear CMOS, 1 × 3-pin Phoenix connector (DC 9–36 V input), 1 × Headphone Jack, 1 × Mic-in, 1 × ATX/AT switch, 2 × Antenna ports (Wi-Fi / 4G) |
| Expansion Slots | 1 × Mini-PCIe (half-size, Wi-Fi / Bluetooth); 1 × Mini-PCIe (full-size with SIM holder, 3G/4G support); 1 × Expand I/O (LPC / USB / PCIe signals) |
| BIOS | AMI EFI BIOS |
| Watchdog Timer | Hardware reset supported (0–255 s configurable) |
| Operating System | Windows 7 / 8 / 10 / 11 / WES 7 / 10 / Linux |
| Power Input | DC 9–36 V via external AC 100–240 V adapter (included) |
| Cooling | Fanless aluminum enclosure / low-power operation |
| Color | Black |

| Category | Specification |
|------------------------|--|
| Operating Environment | -20 °C ~ +60 °C (operation), -30 °C ~ +70 °C (storage), surface air flow |
| Humidity | 10 % ~ 95 %, non-condensing |
| Dimensions (W × D × H) | 240 × 150 × 65 mm |
| Weight | Net 2 kg; Gross 3 kg |
| Accessories | Power adapter, driver CD, 2.5" HDD bracket, screws |
| Mounting Options | Embedded / wall-mount |
| Warranty | 2 years |
| Certificates | CE, FCC, RoHS (<i>pending confirmation</i>) |