

AIT-B12 (SM205 Series)

Category	Specification
Model	SM205
CPU Options	Intel® Core i5-10210U (4 C / 8 T, Turbo 4.2 GHz, fanless); Intel® Core i7-10610U / i7-10810U (4 C / 8 T, Turbo 4.9 GHz, fanless); Intel® Core i5-1135G7 / i7-1165G7 / i7-1195G7 (4 C / 8 T, Turbo 4.2 – 4.7 GHz, fanless)
Chipset	Integrated Intel SoC
Memory	2 × DDR4 SO-DIMM slots (10th–11th Gen), max 64 GB @ 3200 MHz
Storage	1 × M.2 2242/2260/2280 SATA; 1 × 2.5" SATA HDD/SSD; 1 × M.2 2280 NVMe
Graphics	Integrated Intel® UHD / Iris Xe Graphics
Display	1 × HDMI (standard)
LAN	2 × 2.5 GbE RJ45 (Intel I225-V); optional 4-LAN configuration
I/O Interfaces	2 × USB 3.0; 4 × USB 2.0; 2 × DB9 COM (RS-232); 1 × HDMI; 1 × Audio Jack; 1 × Power Button; 1 × 4-Pin aviation DC connector; 1 × Remote switch; 10 × GPIO; 4 × extra COM via expansion; 5 × antenna ports (Wi-Fi / BT / 3G / 4G / 5G)
Expansion	1 × M.2 3042/3052 (3G/4G/5G module, with SIM slot); 1 × M.2 2230 (Wi-Fi / Bluetooth)
BIOS	AMI EFI BIOS
Watchdog Timer	256 levels (0 – 255 s hardware reset)
Power Input	DC 9 – 36 V
Cooling	Fanless aluminum alloy enclosure
Color	Black
Operating Temp.	–20 °C to +60 °C
Storage Temp.	–30 °C to +70 °C
Humidity	10 % – 95 % (non-condensing)
OS Support	Windows 10, Windows 11, Linux

Category	Specification
Dimensions	300 × 155 × 50 mm
Weight	1.8 kg (net); 2.5 kg (gross)
Mounting Options	Wall-mount / Embedded
Accessories	Power adapter, 2.5" HDD bracket, screws
Certificates	CE, FCC, RoHS
Warranty	2 years