



Features:

Optional Intel 4th/5/6/7/8/10/11/12/13th Gen Core i3/i5/i7 CPU

Gen 4/5 - 1xDDR3L SODIMM, max 8GB

Gen 6/7/8/10/11 - 2xDDR4 SODIMM, max 64GB

Gen 12/13 - 2xDDR5 SODIMM, max 64GB

6 * COM serial ports (4 of which support RS485/RS442)

One-key restore, watchdog, diskless boot

low power fanless

Industrial grade working temperature -20℃~60℃

All connectors on-board

Model: SM09

PC

CPU	Intel® Core i5-4278U, 2 Cores, 4 Threads, Base 2.6GHz, Turbo 3.1GHz, Fanless
CPU Optional	Intel® Core i7-4578U, 2 Cores, 4 Threads, Base 3GHz, Turbo 3.5GHz, Fanless
CPU Optional	Intel® Core i3-6157U, 2 Cores, 4 Threads, Base 2.4GHz, Turbo 3.0GHz, Fanless
CPU Optional	Intel® Core i5-7287U/7267U, 2 Cores, 4 Threads, Base 2.3GHz, Turbo 3.6GHz, Fanless
CPU Optional	Intel® Core i7-7560U, 2 Cores, 4 Threads, Base 2.7GHz, Turbo 3.5GHz, Fanless
CPU Optional	Intel® Core i5-8259U/8350U, 4 Cores, 8 Threads, Base 2.6GHz, Turbo 4.2GHz, Fanless
CPU Optional	Intel® Core i7-8560U/8569U, 4 Cores, 8 Threads, Base 2.8GHz, Turbo 4.7GHz, Fanless
CPU Optional	Intel® Core i5-10210U/10310I, 4 Cores, 8 Threads, Base 1.6GHz, Turbo 4.2GHz, Fanless
CPU Optional	Intel® Core i7-10610U/10810U, 6 Cores, 12 Threads, Base 1.1GHz, Turbo 4.7GHz, Fanless
CPU Optional	Intel® Core i5-1135G7, 4 Cores, 8 Threads, Base 2.4GHz, Turbo 4.2GHz, Fanless
CPU Optional	Intel® Core i7-1165G7/1185G7/1195G7, 4 Cores, 8 Threads, Base 2.8GHz, Turbo 4.7GHz, Fanless
CPU Optional	Intel® Core i5-1235U/1245U, 10 Cores(Performance-core 2, Efficient-core 8), 12 Threads, Turbo frequency 4.4 GHz, Fanless
CPU Optional	Intel® Core i7-1265U/1255U, 10 Cores(Performance-core 2, Efficient-core 8), 12 Threads, Turbo frequency 5.0 GHz, Fanless
CPU Optional	Intel® Core i5-1335U, 10 Cores(Performance-core 2, Efficient-core 8), 12 Threads, Turbo frequency 4.4 GHz, Fanless
CPU Optional	Intel® Core i7-1355U, 10 Cores(Performance-core 2, Efficient-core 8), 12 Threads, Turbo frequency 5.0 GHz, Fanless
CPU Optional	Intel® Core i7-1370P, 10 Cores(Performance-core 2, Efficient-core 8), 12 Threads, Turbo frequency 5.0 GHz, Fanless
Memory	4gen/5gen 1xDDR3L SODIMM, Max 8G 6/7 gen 1xDDR4 SODIMM, Max 16G 8/10/11gen 2xDDR4 SODIMM, Max 64G 12/13gen 2xDDR5 SODIMM, Max 64G
Storage	1x MSATA 1x M.2 NVME 2280(6/7/8/10/11/12gen) 1x HDD/SSD
Display	1x HDMI, 1x VGA
Network	2 x GbE RJ45 Intel i211/i210//i229

I/O	4x USB3.0/3.2, 2x USB2.0, 6x DB9 COM(COM1-COM4 Supports RS232/RS485/RS422, COM5 COM6 supports RS232), 1x HDMI, 1x VGA, 1x PS2 (Keyboard and mouse in one), 14x GPIO(7 input, 7 output), 1x Power Button, 1x Reset Button, 1x Clear CMOS Button, 1x 3pin Power phoenix, Support: 9-36V DC, 1x 3.5mm Jack, 1x Mic in, 1x ATX/AT, 2x Antenna port, for WIFI/3G/4G, 2xLAN(GbE RJ45 Intel i211/i210/i229)
Expansion Slot	1x Mini-PCle half card, support WIFI Bluetooth 1x Mini-PCle full card (with SIM card holder), support 3G/4G module, WIFI Bluetooth 1x Expand IO, support LPC, USB, PCIE
BIOS	AMI EFI BIOS
WDT	Support hardware reset (256 level, 0-255 sec)
Operation System	Windows® 7/8/10/11, WES 7/10, LINUX
Power Supply	
External Power Supply	AC 100 - 240V
Working voltage	DC 9-36V
Power consumption	≤20W
Enclosure	
Material	Aluminum Alloy
Color	Black
Operating Environment	
Temperature Range	Operating: -20 to 60°C, Storage: -30 to 70°C, surface air flow
Relative humidity	10%~95% , non-condensing
Packing Details	
Net weight	2.2 kg
Gross weight	3.5 kg
Product Dimension	249 x 150 x 86 mm
Packing size	30*20*12cm
Accessories	Power adapter, Driver CD, 2.5-inch hard drive bracket, Screws
Other	
Mounting (options)	Wall mounting
	Embedded mount
Warranty	2 years warranty

