



Features:

Optional Intel 12th/13th/14th Generation-HX Core i5/i7 CPU
 2x DDR5 SODIMM, up to 64GB memory
 6x COM RS-232 serial ports (4 of them support RS485/RS442)
 2 Intel i226V 2.5G network cards (optional 4x network ports)
 4x HDMI 2.0 interfaces (4K@60Hz)
 Watchdog, PXE boot
 Easy to disassemble, wash, and maintain

Model: SM02

PC	
CPU	Intel 12th/13th/14th Generation-HX Core i5/i7 CPU
CPU Optional	Intel® Core i5-12450HX/ i5-12600HX, 8 Cores(4 Performance-core, 4 Efficient-core), 12 Threads, Turbo 4.4GHz, 12 MB Intel® Smart Cache, Fan
CPU Optional	Intel® Core i7-12650HX/12800HX, 14 Cores(6 Performance-core, 8 Efficient-core), 20 Threads, Turbo 4.7GHz, Fan
CPU Optional	Intel® Core i7-13650HX, 14 Cores(6 Performance-core, 8 Efficient-core), 20 Threads, Turbo 4.9GHz, Fan
CPU Optional	Intel® Core i5-14450HX, 14 Cores(6 Performance-core, 8 Efficient-core), 20 Threads, Turbo 3.8GHz, Fan
Memory	2x DDR5 SODIMM, up to 64GB memory
Storage	2 x M.2 NVME 2280 (one of which supports SATA protocol) 1 x HDD/SSD
Display	4 x HDMI 2.0(4K@60Hz)
Network	2 x RJ45 Intel i226V (4 x RJ45 Intel i226V Optional)
I/O	4 x USB3.2, 4 x USB2.0, 6 x DB9 COM (4 of which support RS485/RS422), 4 x HDMI 2.0 (4K@60Hz), 14 x GPIO (7 inputs, 7 outputs), 1 x Power Button, 1 x Power On/Off Extension Cable, 1 x Clear CMOS Button, Dual power interface, 4Pin round pin or 4Pin aviation plug, support 9-36V power input, 1 x headphone interface, 1 x microphone, 1 x ATX/AT
Expansion Slot	1 x M.2 2232 WIFI 1 x M.2 3042 3G/4G module, onboard SIM card slot (optional 3052 5G module) Expansion IO x 1, supports USB, PCIE, SATA
BIOS	AMI EFI BIOS
Others	Support hardware reset (256 level, 0-255 sec), PXE boot
Operation System	Windows® 10/11, WES 10, LINUX
Power Supply	
External Power Supply	AC 100 - 240V
Working voltage	DC 9-36V
Power consumption	≤60W

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 kg
Gross weight	3 kg
Product Dimension	252 x 180 x 76 mm
Packing size	35*25*15cm
Accessories	Power adapter, Driver CD, 2.5-inch hard drive bracket, Screws
Other	
Mounting (options)	Embedded mount
	Wall mounting
Warranty	2 years warranty

