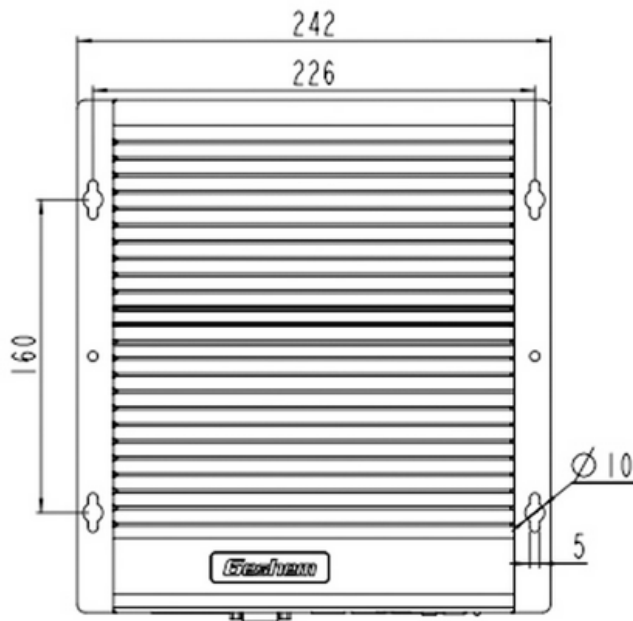
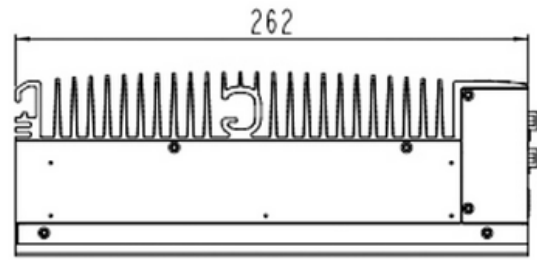
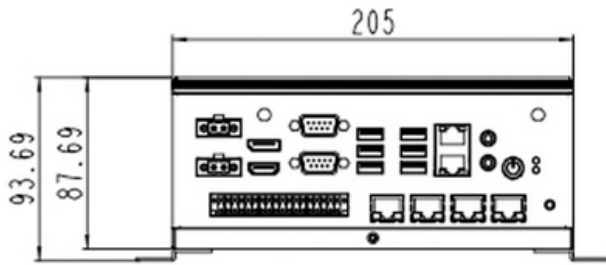


Intel 12th/13th Gen. i3/i5/i7 Fanless Box PC

Design



Dimensions



System Hardware			
CPU	Intel® 12th/13th-Gen Core™ i7/i5/i3/Pentium®/Celeron® LGA 1700 processor, maximum 8 core 16 threads	Memory	2*260-pin sodimm, dual- channel DDR4 3200MHz, maximum support 64GB
Chipset	Intel® H610	Storage	2*2.5 "SATA3 6.0Gbps HDD/SSD easy inserting hard disk frame 1*m.2 2280 m-key (supports SATA/PCIE-X4)
Graphics	Intel® UHD Graphics, SUPPORTS DIRECTX11.1, OpenGL 5.0 and OpenCL 2.1 or PCIe X16 graphics display interface (half long)		
Watchdog	Programmable timeout interruption or system reset, 1 to 255 seconds		
OS			
OS	Support Win10/Win11 and various versions of linux versions of operating systems		
I/O Ports			
USB	6 USB3.0 interfaces, 2 USB2.0 (built -in)	Expand	1*M.2 2230 E-Key (supports wifi+Bluetooth) 1*M.2 3042/52 B-Key (4G/5G module), with the SIM card slot
COM	2*RS232, you can select RS232/485/422 mode through BIOS	Switch	1*Power SW
LAN	6*RJ45 Gigabit network port, LAN1 uses Intel® I225LM network card chip, LAN2 uses Intel® i211AT network card chip, of which LAN3 ~ 6 supports the POE 802.3AF standard.	Indicator Light	1*Power indicator light (green, often on after booting), 1*HDD hard disk indicator (red, flashing)
Audio	1*DP1.2 (maximum output resolution: 7680x4320 @ 60Hz) 1*HD 2.0B (maximum output resolution: 4096x2160@60Hz)		
Video	1*Audio-OUT & 1*MIC dual 3.5mm Phone Jack interface		
GPIO	8DI*8DO, Four Road Light Source Output		
Power			
Power Supply	DC in 18 ~ 36V, 2*2pin lock -to -threaded thread plug -in wiring terminal 5.08mm		

Power Consumption The power consumption of the whole machine is 260W. If you want to use the 24V light source output, you must also use 24V fixed voltage

Environment

Vibration Protection	5grms/5~500Hz/random/working status (SSD); 1grms/5~500Hz/random/working status (HDD)	Operating Temp.	-25 ~ 60°C, no fan, wide temperature SSD, air flow -10 ~ 55°C, no fan, room temperature SSD, air flow
Shock Protection	50g peak acceleration (lasting 11ms) (SSD); 20g peak acceleration (lasting 11ms) (HDD)	Storage Temp.	-40°C ~ 85°C
Reliability	MTBF≥50000h; MTTR≤0.5h	Humidity	10 ~ 90%@40°C, no condensation

Mechanical

Dimension (WxHxD)	262*205*87.69mm	Material	Aluminum rectangular material heat dissipation shell, SGCC box body
Weight	4.5kg		
Color	Silver white+green		