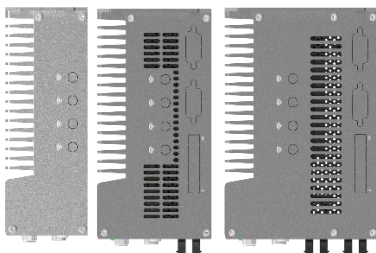




Features:

- Intel® 11th Gen Core™ i3/i5/i7 -U mobile CPU
- 1*DDR4 SO-DIMM slot, Max Capacity32GB
- HDMI、 DP、 VGA Output,
- 2*Intel GbE ports
- 4*PoE ports (IEEE 802.3af), IEEE 802.3af
- WiFi/4G wireless expansion
- 4/8-ch light sources, 24V @ 2A max. per port
- Support desktop, wall mounted, and DIN rails
- 12~28V DC



Remote
Management



Condition
Monitoring



Remote
Operation
And
Maintenance



Safety Control

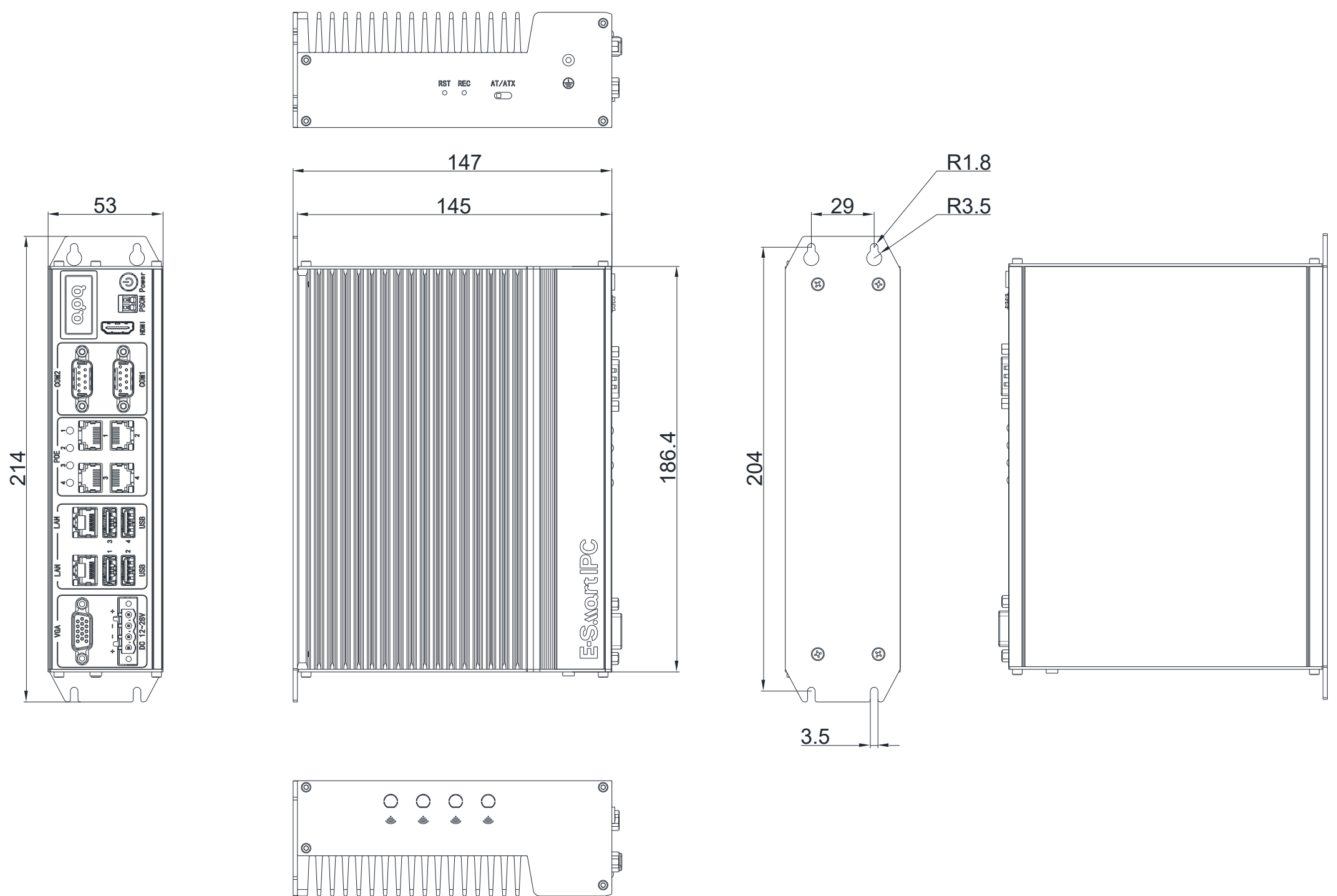
Product Specification

		AK6xxxC6	AK6xxxC6-xx	AK6xxxC6-xxxx
CPU	CPU	Intel® 11 th Generation Core™ i3/i5/i7 Mobile -U Processor		
	Chip	SOC		
BIOS	BIOS	AMI UEFI BIOS		
Memory	Socket	1 * DDR4 SO-DIMM slot, up to 3200MHz		
	Max Capacity	32GB		
Graphics	Controller	Intel® UHD Graphics/Intel® Iris® Xe Graphics		
Ethernet	Controllor	1 * Intel® i210-AT(10/100/1000 Mbps)		
		1 * Intel® i219-LM(10/100/1000 Mbps)		
		1 * Intel® i350-AM4(10/100/1000 Mbps)		
Storage	Socket	1 * M.2 Key-M (PCIe x4 Gen 3)		
Expansion Slots	Mini PCIe	1 * Mini PCIe(PCIe x1 Gen 2+ USB 2.0, with SIM card slot), support WiFi/BT/4G/CAN)		
	Primary Cabinet	N/A	9D: 16*GPIO ^[1] /4*CH ^[2]	9D: 16*GPIO ^[1] /4*CH ^[2]
	Secondary Cabinet	N/A	N/A	9D: 16*GPIO ^[1] /4*CH ^[2]
Front I/O	USB	4 * USB 3.0 (Type-A)		
	serial	2 * RS232/422/485 (COM1/2, DB9/M,)		
	Display	1 * HDMI: max resolution up to 4096*2304 @ 24Hz 1 * VGA: max resolution up to 1920*1200 @ 60Hz		
	Internet	2 * RJ45		
	POE	4 * POE		
	Power	1 * DC Power Input		
	Button	1 * Power Button + Power LED 1 * PS_ON Connector		
Bottom I/O	Switch	1 * AT/ATX Mode Switch (Enable/Disable automatically power on)		
	Button	1 * Reset (Hold down 0.2 to 1s to restart, 3s to clear CMOS)		
		1 * OS Rec (system recovery)		
Power Supply	Type	DC		
	Power Input Voltage	12 ~ 28V Note: When using the light source and POE, 24V input must be used.		
	Connector	1 * 4Pin Power Input Connector (P= 5.08mm)		
	RTC Battery	CR2032 Battery		
OS Support	Windows	Windows 10/11		
	Linux	Linux		
Watchdog	Output	System Reset		
	Interval	Programmable via Software from 1 to 255 sec		
Mechanical	Enclosure Material	Radiator/Box: Aluminum alloy, Top/Bottom Cover: SGCC		
	Size	53mm(L)*145mm(W)*186.4mm(H)	72.9mm(L)*145mm(W)*186.4mm(H)	97.7mm(L)*145mm(W)*186.4mm(H)
	Mounting	Wall mounted, DIN, Desktop		
Industrial Environment	Heat Dissipation System	Passive Heat Dissipation		
	Operating Temperature	-20~60℃		
	Storage Temperature	-40~80℃		
	Humidity	5 to 90% RH (non-condensing)		
	Vibration During Operation	IEC 60068-2-64(3Grms@5~500Hz, random, 1hr/axis)		
	Shock During Operation	IEC 60068-2-27(30G, half sine, 11ms)		

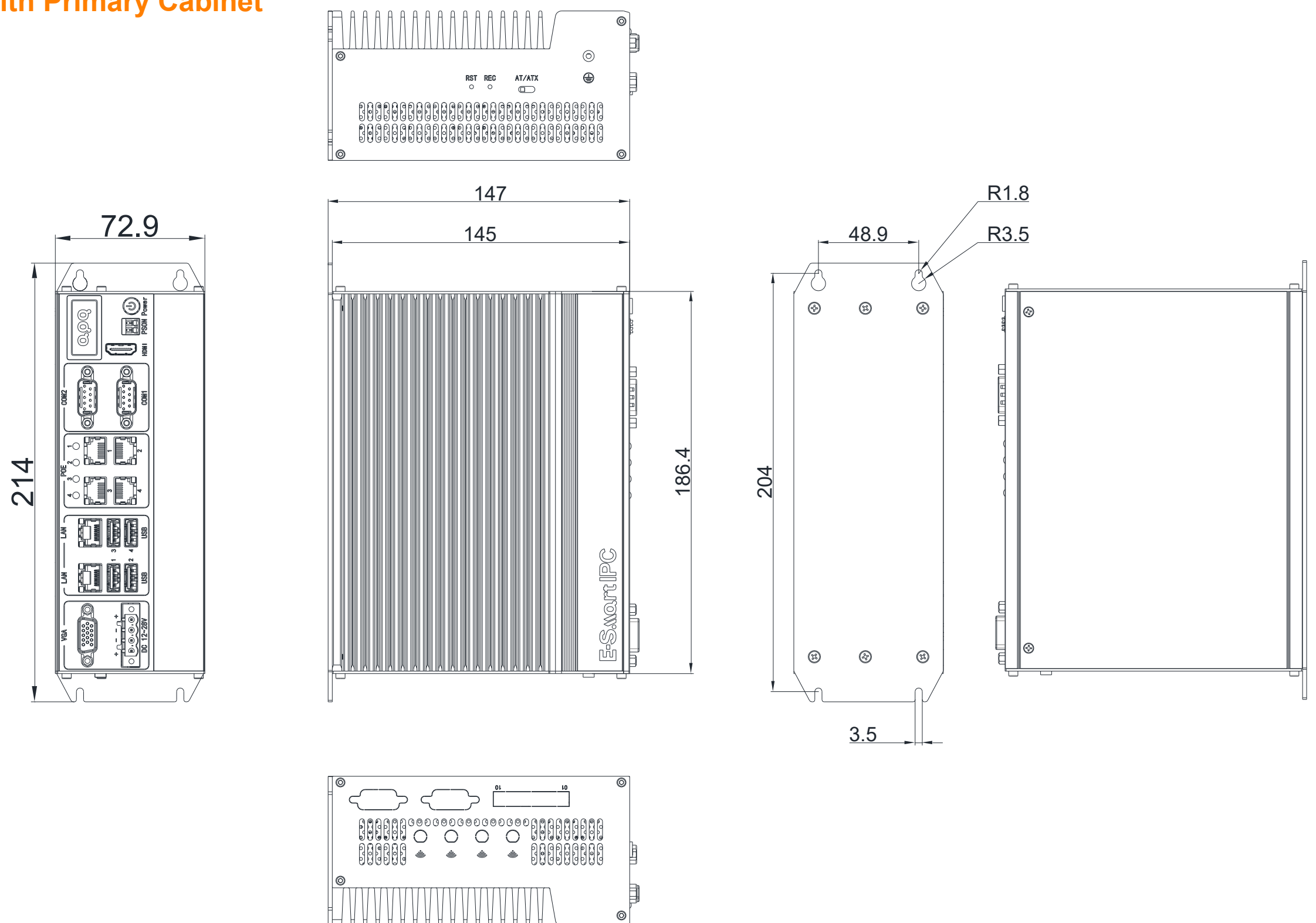
Note:
[1] GPIO: 8-ch isolated DI, 8-ch isolated DO / relay output (mutually exclusive). Output mode configurable via internal jumper.
[2] Per channel: 24V, max. 2A. 8-ch light source total output current: 8A.

Product Size

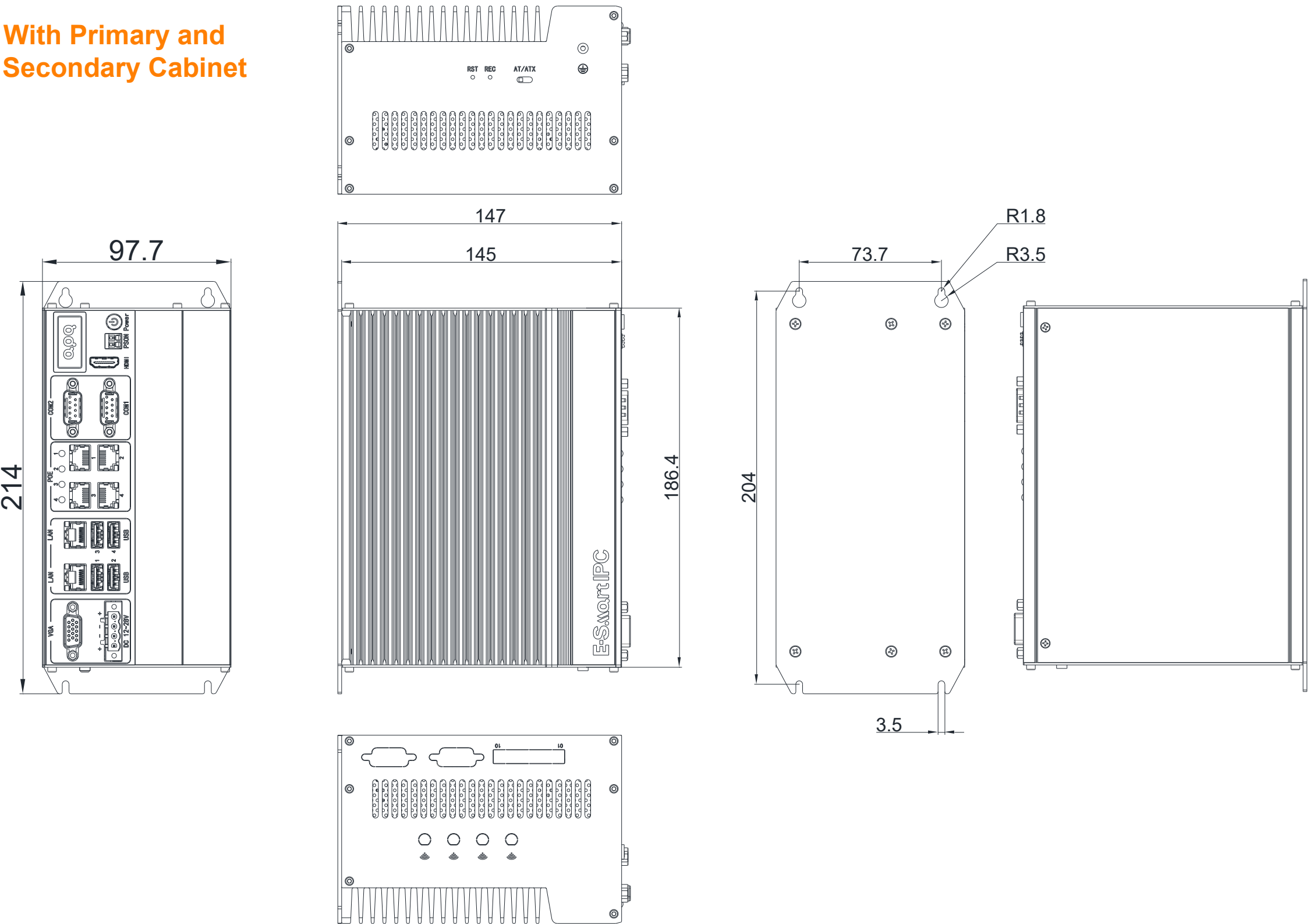
Box



With Primary Cabinet

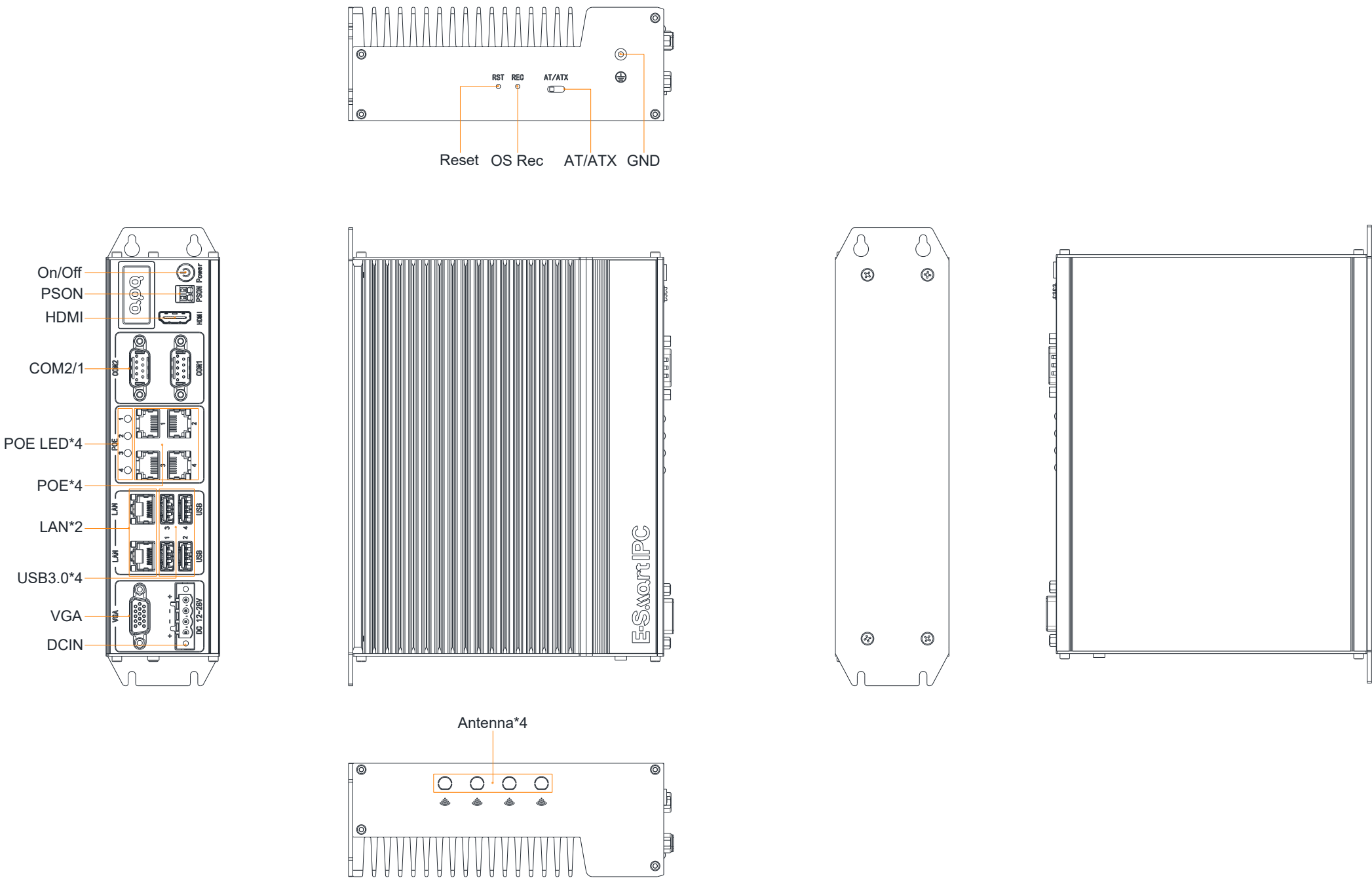


With Primary and Secondary Cabinet



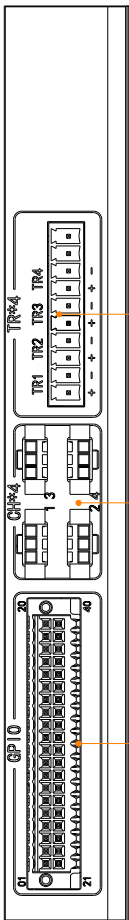
I/O

AK6xxxC6



Expansion I/O

9D



光源触发*4

光源*4

GPIO*16