

SE-5017E

Intel® 14th/ 13th/ 12th Gen Core™ i9/i7/i5/i3 Expansion Box PC with 7 PCIe/PCI Slots



Applications

- AI Computing
- Semiconductor Manufacturing Equipment
- Automated Optical Inspection (AOI)
- Industrial Data Acquisition & Testing
- Factory Automation & Machine Control

Features

- Supports Intel® 14th/13th/12th Gen Core™ i LGA 1700 CPU
- 4 × DDR4 UDIMM slots, Dual Channel, up to 128GB
- To Accommodate 650W PSU for Different Applications
- Optional ARAID M500 supporting RAID System supports hot swappable drives with an LCD status display
- Supports RAID 0 or RAID 1

Ordering Information

Part No.	Description
SE-5017E	Intel® Core™ 14 th /13 th /12 th LGA1700 CPU socket, Q670 Chipset, 2 x 2.5GbE, 2 x HDMI, 1 x DP, 1 x VGA, 1 x RS-232/422/485, 4 x USB3.2, 1 x Line-in, 1 x Line-Out, 1 x Mic-In, 2 x PCIe x16, 3 x PCIe x4, 2 PCI, 100~240V AC

Packing List

Description

1 x SE-5017E

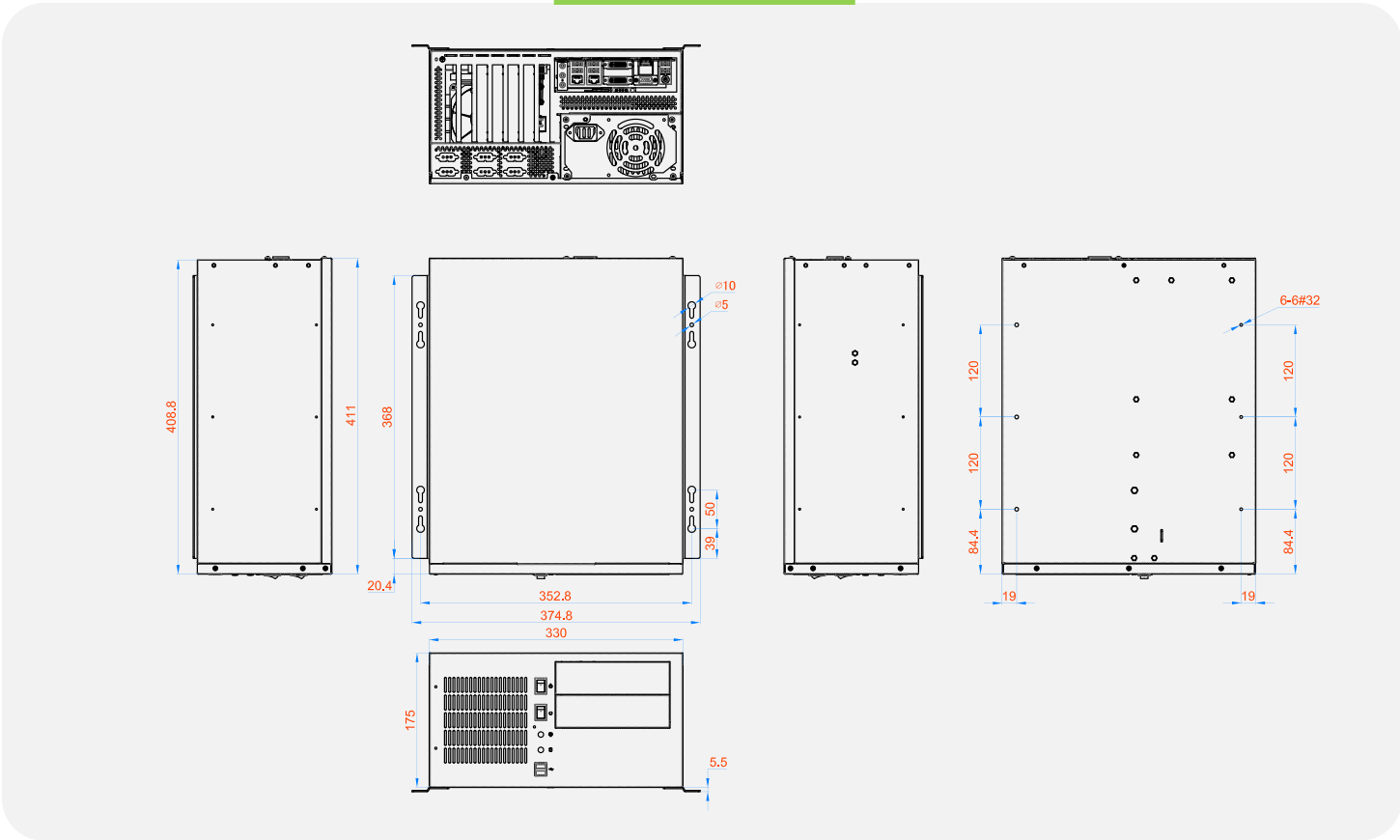
Optional Items

Part No.	Description
i7-14700	14 th Gen Intel® Core™ i7-14700 Raptor Lake-S Refresh_33M Cache, up to 5.40GHz_65W
i7-14700T	14 th Gen Intel® Core™ i7-14700T Raptor Lake-S Refresh_30M Cache, up to 5.00GHz_35W
i5-14500	14 th Gen Intel® Core™ i5-14500 Raptor Lake-S Refresh_24M Cache, up to 5.00GHz_65W
i5-14500T	14 th Gen Intel® Core™ i5-14500T Raptor Lake-S Refresh_24M Cache, up to 4.80GHz_35W
i3-14100	14 th Gen Intel® Core™ i3-14100 Raptor Lake-S Refresh_12M Cache, up to 4.70GHz_60W
i3-14100T	14 th Gen Intel® Core™ i3-14100T Raptor Lake-S Refresh_12M Cache, up to 4.40GHz_35W
i7-13700E	13 th Gen Intel® Core™ i7-13700E Raptor Lake_30M Cache, up to 5.10GHz_65W
i7-13700TE	13 th Gen Intel® Core™ i7-13700TE Raptor Lake_30M Cache, up to 4.80GHz_35W
i5-13500E	13 th Gen Intel® Core™ i5-13500E Raptor Lake_24M Cache, up to 4.60GHz_65W
i5-13500TE	13 th Gen Intel® Core™ i5-13500TE Raptor Lake_24M Cache, up to 4.50GHz_35W
i3-13100E	13 th Gen Intel® Core™ i3-13100E Raptor Lake_12M Cache, up to 4.40GHz_60W
i3-13100TE	13 th Gen Intel® Core™ i3-13100TE Raptor Lake_12M Cache, up to 4.10GHz_35W
i7-12700E	12 th Gen Intel® Core™ i7-12700E Alder Lake_25M Cache, up to 4.80GHz_65W
i7-12700TE	12 th Gen Intel® Core™ i7-12700TE Alder Lake_25M Cache, up to 4.60 GHz_35W
i5-12500E	12 th Gen Intel® Core™ i5-12500E Alder Lake_18M Cache, up to 4.50GHz_65W
i5-12500TE	12 th Gen Intel® Core™ i5-12500TE Alder Lake_18M Cache, up to 4.30 GHz_35W
i3-12100E	12 th Gen Intel® Core™ i3-12100E Alder Lake_12M Cache, up to 4.20GHz_60W
i3-12100TE	12 th Gen Intel® Core™ i3-12100TE Alder Lake_12M Cache, up to 4.00 GHz_35W

Specifications

Model		SE-5017E
Processor System	CPU	Intel® 14 th /13 th /12 th Gen Core™ i9/i7/i5/i3 LGA 1700 CPU (35/65W TDP)
	System Chipset	Intel® Q670
	TPM	TPM 2.0 onboard IC (Infineon SLB9670VQ2.0)
Memory	Technology	Dual Channel DDR4 3200MHz
	Max. Capacity	128GB
	Socket Type	4 x 288-pin DIMM
Display	Graphics Engine	Intel® UHD Graphics
	Multiple Display	4
	HDMI	2 x HDMI 2.0, Max resolution up to 4096 x 2160
	DisplayPort	1 x DP, Max resolution up to 4096 x 2160
	VGA	1 x VGA, Max resolution up to 1920 x 1080
I/O Interface	USB	4 x USB3.2 Gen1
	Serial Port	1 x RS-232/422/485 & RI/5V/12V
	Ethernet	2 x 2.5GbE LAN Ports (Intel® I226V & I226LM)
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in (Realtek ALC897)
Storage	External	2 x 5.25" External Drive Bays
	Internal	1 x 3.5" Internal HDD Bay
Expansion	M.2	1 x M.2 M-Key 2280/2242 (PCIe Gen4 x4 and SATA 6Gb/s) (M2M_1) 1 x M.2 M-Key 2280/2242 (PCIe Gen4 x4) (M2M_2) 1 x M.2 E-Key 2230 (PCIe x1, USB 2.0)
	PCIE / PCI	1 x PCIe x16 (Gen 4x16, x8 when PCIEX16_2 is occupied) (PCIEX16_1) 1 x PCIe x16 (Gen 4x8) (PCIEX16_2) 3 x PCIe x4 (Gen 3x4) 2 x PCI
Power	Form Factor	ATXPS2
	Total Power	650 Watts
	Input Voltage	100 ~ 240V AC
	Power Connector Type	ATXPS2
Mounting	Type	Supports Vertical & Horizontal Mounting
Environment	Operating Temperature	0 ~ 45°C
	Storage Temperature	-40 ~ 85°C
	Humidity	5% ~ 90% (Non-condensing)
	Vibration	IEC 60068-2-64: 5Grms, random, 5~500 Hz, 1hr/axis
	Shock	IEC 60068-2-27: 50G, half-sine, 11ms duration
General	Certification	CE/FCC Class A
	Thermal Design	CPU Cooler & System Fan
	Material	Heavy-duty Steel
	Dimensions (W x D x H)	330 x 410 x 175mm
	Net Weight	15kg
	Operating System	Windows 10 IoT, Windows 11 (IoT/Professional), Linux

Dimensions



Viewing

