



SCHNEIDER-DC

SCHNEIDER-RDC

SMART ENERGY 13/12TH PROCESSOR

FANLESS COMPUTER



- Intel® 13th / 12th Gen Raptor Lake-S / Alder Lake-S Core™ i9/i7/i5/i3 up to TDP 65W
- Up to 64G DDR4 SO-DIMM 3200 MHz
- 2 x DP, 2 x LAN, 6x USB
- 2x 2.5" Easy swap SSD Tray
- 2 x PCIe Gen4 x 8 slot
- DC-IN 16~31V(With Redundant)
- Operation Temp. -20°C to 60°C

Specifications

SYSTEM

| | |
|-----------------|---|
| CPU | 13th/12th Gen Intel® Raptor Lake-S/Alder Lake-S LGA1700 Socket Processor / Core i9/i7/i5/i3 Processor up to TDP 65W |
| Memory Capacity | DDR4 SO-DIMM 3200 MHz up to 64G |
| Chipset | Q670 |

DISPLAY

| | |
|------------------------------|--|
| GPU | Intel® UHD Graphics |
| Display Port | DisplayPort 1.4, DP++ Max resolution up to 4k (4096x2304@60Hz) |
| 2 nd Display Port | DisplayPort 1.4, DP++ Max resolution up to 4k (4096x2304@60Hz) |

EXPANSION

| | |
|-----------|--|
| PCIe Slot | 2 x PCIe Gen4 x 8 Slot |
| M.2 | 1x M.2 2280M-key (PCIe Gen 3.0 X 4, SATAIII) |

STORAGE

| | |
|------|--------------------------|
| SATA | Up to 4TB SATAIII |
| M.2 | Up to 2TB NVMe & SATAIII |

ETHERNET

| | |
|----------|-------------------------|
| Ethernet | Intel® I219-LM Giga LAN |
|----------|-------------------------|

FRONT I/O

| | |
|--------------|---|
| Power Button | 1 x Power Button |
| Indicator | 1 x HDD backlight / 1 x Power backlight |
| USB3.0 | 2 x USB 3.0 |

REAR I/O

| | |
|-------------|---|
| Power Input | 1 x 4P Terminal Block 16~31V DC-IN (2 x 4P Terminal Block 16~31V DC-IN with Redundant) |
| LAN | 2 x 1GbE RJ45 |
| USB3.2 | 2 x USB 3.2 |
| USB2.0 | 2 x USB2.0 |
| DisplayPort | 2 x DP |
| Storage | 2 x 2.5" Swap SSD Tray |

POWER REQUIREMEN

Power Input DC-IN 16~31V (With Redundant)

OS SUPPORT LIST

OS Windows® 11 64bit, / Windows® 10 IoT LTSC 64bit (LTSC 2021) /Ubuntu 22.04 / Linux (support by request)

MECHANICAL AND ENVIRONMENTAL

Dimension 220 x 315 x167 mm (W x D x H)

Operating Temp. -20°C to 60°C

Storage Temp. -40°C to 85°C

Relative Humidity 5% to 95%, non-condensing

System Design Fanless

CERTIFICATION

IEC-61850-3 / IEEE-1613 / UL 62368-1 / EN60945 / CE / FCC

Ordering Information

SCX3X2-DC

Smart Energy Fanless Computer with Intel 13th /12th Gen Intel® Raptor Lake-S/Alder Lake-S LGA1700 Socket Processor / Core i9/i7/i5/i3 Processor TDP 65W, up to 64G SO-DIMM DDR4 3200MHz, 2 × 1GbE, 2 × USB3.2, 2 × USB3.0, 2 × USB2.0, 2 × DP, 2 × 2.5" SwapSSD Tray, DC-IN 16~31V , Operating Temperature -20°C~+60°C

SCX3X2-RDC

Smart Energy Fanless Computer with Intel 13th /12th Gen Intel® Raptor Lake-S/Alder Lake-S LGA1700 Socket Processor / Core i9/i7/i5/i3 Processor / TDP 65W, up to 64G SO-DIMM DDR4 3200MHz, 2 × 1GbE, 2 × USB3.2, 2 × USB3.0, 2 × USB2.0, 2 × DP, 2 × 2.5" SwapSSD Tray, DC-IN 16~31V with redundant, Operating Temperature -20°C~+60°C

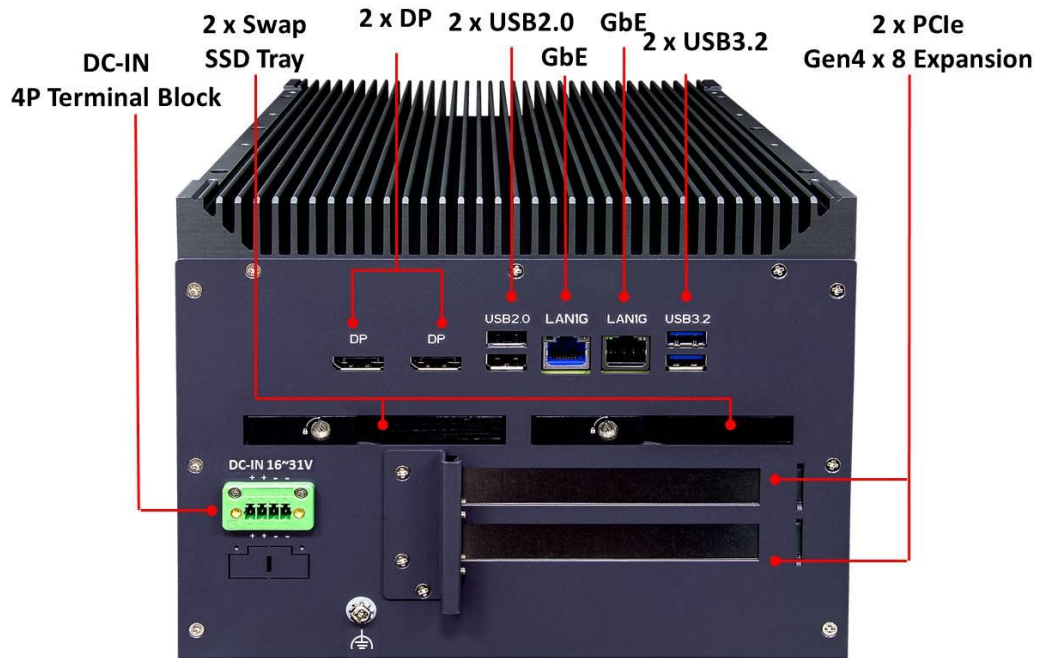
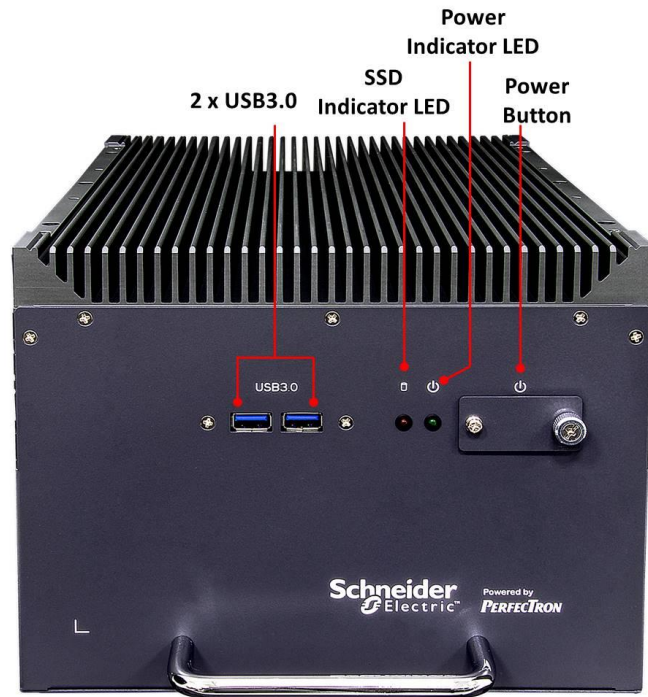
| | SCH3X2-DC | SCH3X2-RDC |
|------------------------|---|--------------------------|
| CPU | 12/13th Gen Intel® Core i9/i7/i5/i3 Processor TDP 65W | |
| RAM | Up to 64GB SO_DIMM, DDR4-3200MHz | |
| Expansion | 2 x PCIe Gen4 x 8 1 x M.2 2280(Gen3 x 4,SATAIII) | |
| Storage | Up to 4TB SATAIII Up to 2TB NVMe & SATAIII | |
| I/O | 2 × RJ45, 6 × USB, 2 × DP, 2 × 2.5" SwapTray | |
| Power | DC-IN 16~31V | DC-IN 16~31V W/Redundant |
| Operation Temp. | -20°C~+60°C | |

Accessories Kit (Option)

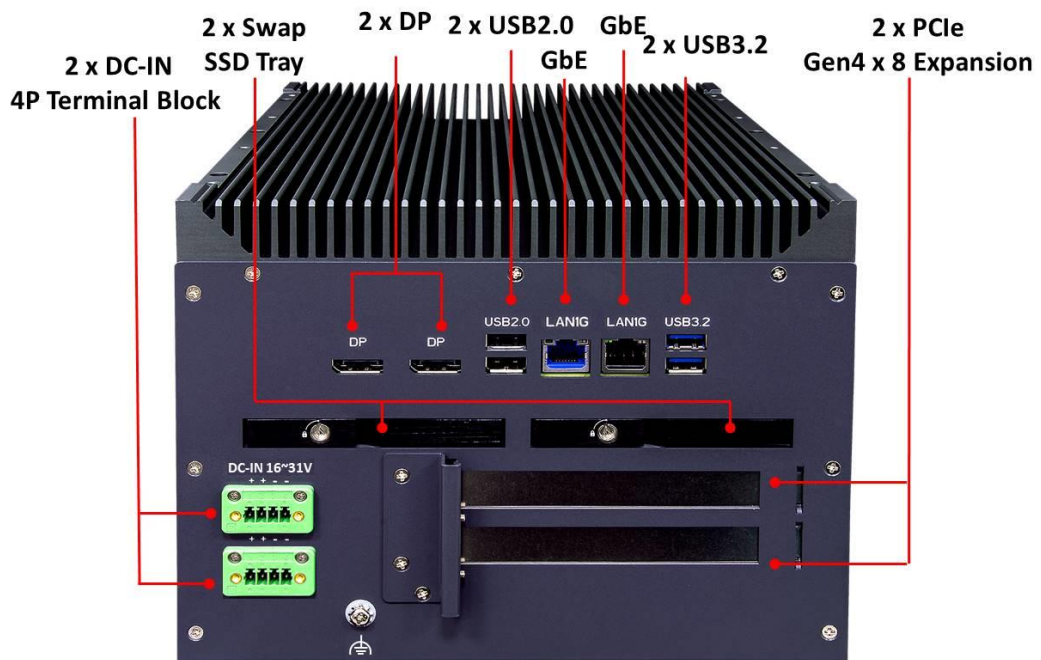
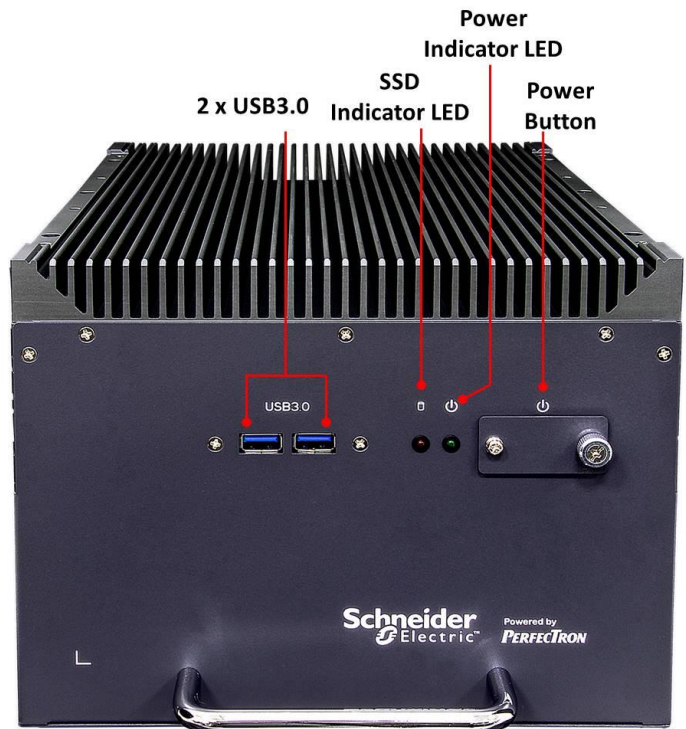
| P/N | Description | Q'ty |
|------------------|--|------|
| 0ZAKSCH3X2000000 | Accessories Kit for SCH3X2/SCH4X2 Dual Machine Rackmount Bracket | 1 |
| 0ZAKSCH3X2000001 | Accessories Kit for SCH3X2/SCH4X2 Single Machine Rackmount Bracket | 1 |

Appearance

SCH3X2-DC :

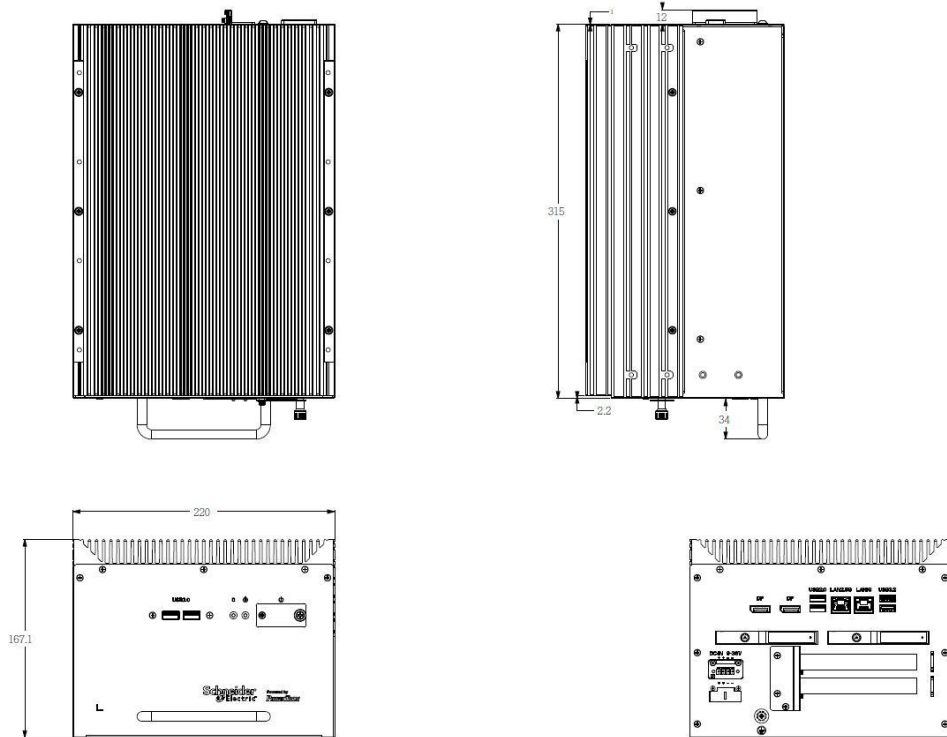


SCH3X2-RDC:



Drawing and Dimension

SCH3X2-DC :



SCH3X2-RDC :

