

R19IAD7T-OFA1

19" Intel® Core™ i9/i7/i5/i3 (Alder Lake S) Open Frame Panel PC



KEY FEATURES

- 19" 1280 x 1024 Resolution Open Frame PC
- 12th Gen Intel® Core™ Alder Lake S i9 / i7/ i5 / i3 processor
- 2 x SODIMM, DDR5 4800MHz, support up to 64GB (Max. 32GB for each slot)
- Integrated Dual 2.5 Gigabit Ethernet
- Multi display supports DP 1.4a / HDMI 2.0b (Optional)
- Multiple I/Os, 2 x USB 3.2 Gen2x1, 2 x Serial Ports
- 12 V DC Power input



SPECIFICATIONS

| Display | | | |
|----------------------------|---|------------------------------|--|
| Resolution | 1280x1024 | Size | 19.0 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 400.0 nits |
| View Angles | 85,85,80,80 | Active Area | 376.32x301.06 mm |
| Touch / Glass | Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional) | | |
| System Specification | | | |
| WLAN | Support (Optional) | BT | Support (Optional) |
| Processor | Intel® Core™ i5-12500TE(up to 4.3GHz) Intel® Core™ i9-12900TE(up to 4.80GHz) (Optional) Intel® Core™ i7-12700TE(up to 4.6GHz) (Optional) Intel® Core™ i3-12100TE(up to 4.00GHz) (Optional) | Chipset | Intel® Q670E Intel® H610E (Optional) Intel® R680E (Optional) |
| Memory | 2 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional) 64GB (Optional) | Storage | 1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (Optional) 2 x SATA III for 2.5" SSD/HDD (Only R680E/Q670E version support)(RAID support) (Optional) |
| Ethernet controller | 2 x Intel® Ethernet Controller | Security | TPM 2.0 |
| Operating System | Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional) | | |
| Mechanical | | | |
| Dimension | 429 x 355 x 71 mm | Weight | 4.8 kg |
| Mounting | Open Frame Panel Mount VESA Mount | Enclosure | Metal Housing |
| Cooling System | Fan design | | |
| Environment | | | |
| Operating Humidity | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |

| | | | |
|----------------------------|--|-----------------------|---|
| Storage Temperature | -10°C to 60°C | | |
| Certification | | | |
| Certification | CE, FCC | | |
| IO Ports | | | |
| Power Input | 1 x 12V DC, Din4 pin connector | USB Port | 4 x USB 3.2 Gen2x1 (10Gbps, TypeA) (R680E/Q670E version) 4 x USB 3.2 Gen1x1 (5Gbps, TypeA) (H610E version) |
| Serial Port | 1 x RS232/422/485 (Default RS232) 1 x RS232 | Video | 1 x DP1.4a DP++ , Max resolution up to 4096x2160@60Hz 1 x HDMI 2.0b , Max resolution up to 4096x2160@60Hz (Optional) |
| Audio | Mic in Line out | Expansion Port | 1 x M.2 2280 M-Key Slot (for NVME SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module) |
| LAN | 2 x 2.5 Giga LAN RJ45 Connector | | |
| Control | | | |
| Button | 1 x Power Button 1 x Reset Button | | |
| Accessory | | | |
| Accessory | 100~240V AC to DC Adapter Power Cord VESA screws | | |
| Power | | | |
| Power Rating | 12V DC | Adapter | 12V 220W |

DIMENSIONS UNIT:MM

