

# ARD-048-N

## All-in-One Bar-Type Panel PC

48" 8th Gen Intel® Core™ i5-8365UE 1.6GHz/4.1GHz

All-in-One 4K Bar-Type Panel PC



## Features

- 48" color TFT active matrix, wide LCD with optimum resolution 3840 x 720
- 8th Gen Intel® Core™ i5-8365UE 1.6~4.1GHz with Intel® UHD Graphics 620
- 2x DDR4-2400 SO-DIMM, dual Channel, Max. 32GB
- 2x USB2.0
- Ruggedized, fanless 4K and compact design

## Specifications

|                             |  |
|-----------------------------|--|
| Panel Type                  | 48" color TFT active matrix, wide LCD  |
| Display Area                | 103.65(H) x 310.95(V)  |
| Resolution                  | 3840 x 720   |
| Contrast Ratio              | 1000:1 (typ)   |
| Viewing Angles              | 89°(H) / 89°(V)  |
| Response Time               | 20ms (typ)   |
| Backlight                   | LED 50,000H  |
| Brightness                  | 1,000 nits (typ.)  |
| Panel Surface               | Hard coating, Reduce scratching  |
| System Mainboard            | IB919  |
| CPU Type                    | 8th Gen Intel® Core™ i5-8365UE (1.6GHz/4.1GHz)   |
| CPU Socket                  | FCBGA1528  |
| Chipset                     | Integrated in Intel® SoC   |
| Memory                      | 2x DDR4-2400 SO-DIMM, dual channel, Max.32GB   |
| Graphics                    | Intel® UHD Graphics 620  |
| LAN                         | 1x Intel® I219LM GbE PHY   |
| Expansion Slots             | N/A  |
| I/O Interface               | 1x M12 connector Gigabit LAN<br>2x M12 connector USB 2.0<br>1x RS232/422/485 (jumperless selection) M12 connector<br>2x Speakers (Reserved as optional)<br>2x Antenna (Reserved as optional) |
| Auto Control and Monitoring | Watchdog timer: 256 segments, 0, 1, 2...255 sec/min  |
| Power Requirement           | +24V DC-in   |
| Construction                | Aluminum + SGCC  |
| Weight                      | TBD  |
| Chassis Color               | Black  |
| Storage                     | 1x mSATA   |
| Power Supply                | Option   |
| Mounting                    | Side mounting  |
| Dimensions                  | 1250mm(W) x 280mm(D) x 49.7mm(H)<br>49.21"(W) x 11.02"(D) x 1.96"(H)   |
| Operating Temperature       | -25°C~ 40°C (-13°F~104°F)  |
| Storage Temperature         | -20°C~80°C (-4°F~176°F)  |
| Relative Humidity           | 5%~90% @45oC (non-condensing)  |
| Vibration                   | IEC61373   |
| Certification               | CE/FCC, LVD  |
| Operating System            | Win10 32/64-bit Enterprise   |

## Ordering Information

|             |   |
|-------------|---|
| ARD-048-N   | 48" All-in One Resizing Fanless 4K Panel PC with Intel® Core™ i5-8365UE (1.6GHz/4.1GHz), 2x 4GB DDR4-2400 SO-DIMM, 128GB mSATA, power adapter 180W 24V output |
| Speaker set | 2x 4W speaker with the amplifier board  |

## Dimensions

