



Features

- 42" color TFT active matrix, wide LCD with optimum resolution 1920 x 480
- Intel® Pentium® N4200 1.1Ghz~2.5GHz with Intel® SoC integrated Gen 9 18EUs Graphics
- 2x DDR3L-1866 SO-DIMM, Dual channel, Max. 8GB
- 1x M.2 B-Key (3042) for storage or 4G LTE options
- 2x RJ45 for Gigabit LAN
- 1x HDMI 1.4b
- 1x DP 1.2
- Ruggedized, fanless and compact design

Specifications

Panel Type	42" color TFT active matrix, wide LCD
Display Area	1039.68 (H) x 259.92(V)
Resolution	1920 x 480
Contrast Ratio	3500:1 (typ.)
Viewing Angles	178°(H) / 178°(V)
Response Time	8ms (typ.)
Backlight	LED
Brightness	550 nits
Panel Surface	Anti-glare coating (Haze 44%)
System Mainboard	IB811F-420
CPU	Intel® Pentium® QC N4200 (1.1GHz~2.5GHz, 2MB cache)
CPU Socket	FCBGA1296 (24mm x 31mm)
Chipset	SoC Integrated
Memory	2x DDR3L-1866 SO-DIMM, Dual channel, Max. 8GB
Graphics	Intel® SoC integrated Gen 9 18EUs graphics
LAN	2x Intel® I210AT PCI-E Gigabit LAN
Expansion Slots	1x M.2 B-Key (3042)
I/O Interface	1x HDMI 1.4b 1x DP 1.2 2x RJ45 for Gigabit LAN 4x USB 3.0 1x RS-232/422/485 (jumperless selection)
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	14.8 kg (32.63 lbs)
Chassis Color	Black
Storage	1x mSATA
Power Supply	180W power adaptor
Mounting	Side mounting
Dimensions	1065.5mm(W) x 288.3mm(D) x 70mm(H) 41.94"(W) x 11.35"(D) x 2.75"(H)
Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5%~90% @45oC (non-condensing)
Vibration	IEC61373 (Vibration Class-B)
Certification	CE, FCC Class-B
Operating System	Win10 32/64-bit Enterprise

Ordering Information

ARD-042-N	42" All-in-one Resizing Panel PC with Intel® Pentium® QC N4200 (1.1GHz~2.5GHz, 2MB cache), 2GB DDR3L-1866 SO-DIMM, 64GB mSATA w/ RJ45 LAN, AC/DC power adaptor 180W 24V output, DC Plug with screw lock
Speaker set	2x 4W speakers with the amplifier board

Dimensions

