

# ARD-037-N

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

Intel® Pentium® N4200 1.1~1.25GHz All-in-One Bar-Type Panel PC with Intel® SoC Integrated Gen9 18EUs Graphics



### Specifications

Panel Type	37" color TFT active matrix, wide LCD
Display Area	904.32(H) x 254.34(V)
Resolution	1920 x 540
Contrast Ratio	4000:1 (typ.)
Viewing Angles	178°(H) / 178°(V)
Response Time	6.5ms (typ.)
Backlight	LED 50,000H
Brightness	1000 nits
Panel Surface	Anti-glare, hard coating (3H)
System Mainboard	IB811F-420
CPU Type	Intel® Pentium® QC N4200 (1.1GHz~2.5GHz, 2MB cache)
CPU Socket	FCBGA1296 (24mm x 31mm)
Chipset	Integrated in Intel® SoC
Memory	2x DDR3L-1866 SO-DIMM, Dual channel, Max 8GB
Graphics	Intel® SoC integrated Gen9 18EUs Gfx
LAN	2x Intel® I210IT or I210AT PCI-E Gigabit LAN
Expansion Slots	1x M.2 B key(3042) for storage or 4G LTE options
I/O Interface	1x HDMI 1.4b, 1x DP1.2 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	+24V DC-in
Construction	Aluminum + SGCC
Weight	9.0 kgs (20.0 lbs)
Chassis Color	Black
Storage	1x mSATA
Power Supply	180W power adapter
Mounting	Side mounting
Dimensions	928.10mm(W) x 66.50mm(D) x 281.90mm(H) 36.54"(W) x 2.62"(D) x 11.10"(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, VCCI, cULus & CCC
Operating System	Win10 32/64-bit Enterprise

### Features

- 37" color TFT active matrix, wide LCD with optimum resolution 1920 x 540 & 1000 nits brightness
- Intel® Pentium® N4200 1.1~1.25GHz with Intel® SoC integrated Gen9 18EUs Gfx
- 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

### Ordering Information

ARD-037-N	37" All-in-one Resizing Panel PC with Intel® Pentium® QC N4200 (1.1GHz~2.5GHz, 2MB cache), 2x 2GB DDR3L-1866 SO-DIMM, 64GB mSATA w/ RJ45 LAN, AC/DC power adaptor 180W 24V output, DC plug with screw lock, Win10 32/64-bit Enterprise
Speaker set	2x 5W speakers with the amplifier board

### Dimensions

