ARD-028-NRA

All-in-One Bar-Type Panel PC
Intel® Pentium® N4200 1.1~1.25GHz All-in-One Bar-Type Panel PC with Intel® HD Graphics (Gen 9) 18 EUs Integrated

Features
- 27.6" color TFT active matrix, wide LCD with optimum resolution: 1920 x 360 & 1000 nits brightness
- Intel® Pentium® N4200 1.1~1.25GHz All-in-One Bar-Type Panel PC with Intel® HD Graphics (Gen 9) 18 EUs Integrated
- 2x DDR3L 1866 SO-DIMM, Dual channel, Max 8GB
- 1x M.2 B key(3042) for storage or 4G LTE options
- 1x HDMI 1.4b
- 1x DP 1.2
- 2x RJ45 for Gigabit LAN
- Ruggedized, fanless and compact design

Specifications

Panel Type 27.6" color TFT active matrix, wide LCD
Display Area 688.896(H) x 129.168(V)
Resolution 1920 x 360
Contrast Ratio 3000:1 (typ.)
Viewing Angles 178°(H) / 178°(V)
Response Time 6.5ms (typ.)
Backlight LED 50,000H
Brightness 1,000 nits (typ.)
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 Generation9 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 +12V DC-in
Construction Aluminum + SGCC
Weight 5.4kgs (11.9lbs)
Chassis Color Black
Storage 1x mSATA
Power Supply 84W power adapter
Mounting Side Mounting
Dimensions 729.10mm(W) x 54mm(D) x 170.80mm(H)
Operating Temperature -25°C ~ 55°C (-13°F ~ 131°F)
Storage Temperature -20°C~80°C (-4°F~176°F)
Relative Humidity 5~90% @ 45°C, (non-condensing)
Vibration IEC61373 (Vibration class B)
Certification CE, FCC Class B, VCCI, cULus & CCC
Operating System Win10 32/64-bit Enterprise

Ordering Information
ARD-028-NRA 27.6" 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 & 84W
Speaker set 2x 4W speakers with the amplifier board

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user’s manual & datasheet download, visit www.ibase.com.tw.