

ARD-028-N

Intel® Atom™ Processor E3825 Dual-Core 1.33GHz All-in-One Bar Type Display with Intel® HD Graphics (Gen 7-LP) 4EU Integrated



Specifications

Panel Type	28" color TFT active matrix, wide LCD
Display Area	698.4(H) x 129.86(V)
Resolution	1920 x 360
Contrast Ratio	3000:1 (typ.)
Viewing Angles	178°(H) / 178°(V)
Response Time	6.5ms (typ.)
Backlight	LED 30,000H
Brightness	350 nits (typ.)
Panel Surface	Anti-glare, hard coating (3H)
System Mainboard	IB898
CPU Type	Intel® Atom™ E3825 DC, 1.33GHz
CPU Socket	FCBGA1170 (25mm x 27mm)
Chipset	Integrated in Intel® Atom™ SoC
Memory	1x DDR3L-1333 SO-DIMM, Max 8GB (Non-ECC)
Graphics	Intel® HD graphics (Gen 7-LP) 4EU
LAN	2x Gigabit LAN (M12 connector for LAN in & LAN out) for ARD-028-N series 1x RJ45 Gigabit LAN for ARD-028-NR series
Expansion Slots	3x Mini PCI-E slots (2x full-size, 1x half size) for mSATA, WIFI + Bluetooth, 4G/LTE and TV tuner options 2x Gigabit LAN (M12 connector for LAN in & LAN out) for ARD-028-N series 1x RJ45 Gigabit LAN for ARD-028-NR series
I/O Interface	2x USB 2.0 1x RS-232/422/485 (Jumperless selection) 1x 3-pin terminal block DC input
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	Default : 1x 64GB mSATA
Power Supply	Optional
Mounting	Side Mounting
Dimensions	734.48mm(W) x 57.5mm(D) x 166.04mm(H) 28.92"(W) x 2.26"(D) x 6.54"(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% @ 45°C, (non-condensing)
Vibration	IEC61373 (Vibration class B)
Certification	CE, FCC, cULus, CCC, EN50155 (T1) /50121-3-2 (EMC)

Features

- 28" color TFT active matrix, wide LCD with optimum resolution: 1920 x 360 & 350 nits brightness
- Intel® Atom™ E3825 DC 1.33GHz with Intel® HD Graphics (Gen 7-LP) 4EU integrated
- Supports 1x DDR3L-1333 SO-DIMM, Max. 8GB (Non-ECC)
- Ruggedized, fanless and compact design
- CE/FCC Class B, EN50155 (T1) /50121-3-2 (EMC) certified

Ordering Information

ARD-028-N	28" All-in-one Resizing Display with Intel® Atom™ E3825 Dual-Core @ 1.33 GHz, 2GB SO-DIMM, 64GB mSATA w/ M12 LAN
ARD-028-NR	28" All-in-one Resizing Display with Intel® Atom™ E3825 Dual-Core @ 1.33 GHz, 2GB SO-DIMM, 64GB mSATA w/ RJ45 LAN
Power adaptor (optional)	AC 100V~240V input, 12V DC output, 60W power adaptor IBASE P/N: A005PS060W0702000P

Dimensions

