

MRD-028-N

All-in-One Bar-Type Panel PC

EN50155 Certified Intel® Atom™ Processor E3825 All-in-One
27.6" Bar-Type Panel PC with Intel® HD Graphics (Gen7-LP, 4 EUs)



Features

- 27.6" color TFT active matrix, wide LCD with optimum resolution: 1920 x 360 & 1000 nits brightness
- Intel® Atom™ Processor E3825 Dual-Core 1.33GHz with Intel® HD Graphics (Gen 7-LP, 4 EUs)
- 1x DDR3L-1067 SO-DIMM, Max. 4GB
- 1x Mini PCI-E (full-size) for storage
- 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth or 4G LTE options
1x Mini PCI-E (half-size) for Wi-Fi, Bluetooth or 4G LTE options
- 2x M12 for Gigabit LAN in & LAN out
- Ruggedized, fanless and compact design

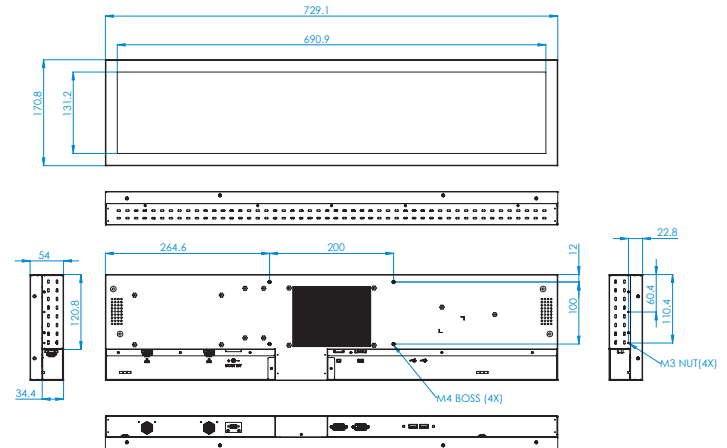
Specifications

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	170°(H) / 170°(V)
Response Time	6.5ms (typ.)
Backlight	LED 50,000H
Brightness	1,000 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-1067 SO-DIMM, Max. 4GB
Graphics	Intel® HD graphics (Gen7-LP) 4EU
LAN	1x Realtek RTL8367N Gigabit LAN controller
Expansion Slots	1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth or 4G LTE 1x Mini PCI-E (half-size) for Wi-Fi, Bluetooth or 4G LTE
I/O Interface	1x RS232/422/485 (Jumperless selection) 1x VGA 2x M12 for Gigabit LAN in & LAN out 2x USB 2.0 (pin header)
Auto Control and Monitoring	Watchdog timer: 256 segments, 0, 1, 2...255 sec/min
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	5.4 kgs
Chassis Color	Black
Storage	1x mSATA
Power Supply	Optional
Mounting	Side mounting
Dimensions	729.10mm(W) x 54mm(D) x 170.80mm(H) 28.70"(W) x 2.13"(D) x 6.72"(H)
Operating Temperature	-25°C ~ 55°C (-13°F ~ 131°F)/ EN50155(T1)
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, EN50155 (T1)
Operating System	Win7 32/64-bit, Win8.1, WEI8.1, WEC 2013, Win10 32/64-bit Enterprise

Ordering Information

MRD-028-N	27.6" All-in-one Resizing Display with Intel® Atom™ E3825 Dual-Core @ 1.33GHz, 2GB SO-DIMM, 64GB mSATA w/ M12 LA
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Dimensions



Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available.

ICP Electronics
Australia Pty Ltd

TEL: 02 9457 6011
sales@icp-australia.com.au
www.icp-australia.com.au

