

Rugged Panel PC



Model:R15IB3S-VMA3(HB)

Product Features:

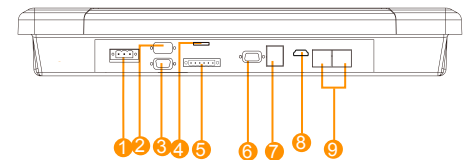
- » Ultra Low Bay Trail N2930 1.83GHz Processor Fanless Design
- » High Quality 15" Panel, 1024*768 resolution, 400 nits (Optional for 1000 nits)
- » Front IP65 Dust/ Water proof design with VESA mount
- » Aluminum Housing with Anti-Corrosion Treatments
- » Built-in ambient Light sensor
- » Wide Range 9 to 36V DC Input
- » Optional 6-60V DC Input, and Optional for Ignition On/Off delay
- » 5 Wire Resistive Touch / Anti-Reflective Protection Glass (Optional)
- » Optional GPS, 3G/WLAN(Either one). Digital IO/Canbus(Either one)
- » Compliance With EN50155
- » Optional HB/Sunlight Readable up to 1000 nits

Product Specifications:

Display	Model Name	R15IB3S-VMA3(HB)
	Size	15"
	Resolution (pixels)	1024 x 768
	Number of Colors	16.2 M (8 bit) / 262K (6 bit)
	Brightness (cd/m ²)	400nits for R15IB3S-VMA3 Optional 1000nits for R15IB3S-VMA3HB (High Brightness)
	Contrast Ratio	700:1
	Viewing Angle	-80~80 (H) ; -70~70 (V)
	Active Area	304.1 (H) x 228.1 (V)
System	Touch (optional)	5 Wire Resistive (Default)
	Processor	Intel® Bay Trail N2930 1.83Ghz Processor
	Chipset	Bay Trail SoC Chipset
	BIOS	AMI 16Mbit Flash
	Memory	1xDDR3L 1066 / 1333 MHz SO-DIMM Max. 8GB
	Ethernet	Intel® WG82574L GbE LAN
	Storage	mSATA SSD
	Expansion Slot	1 x Mini PCIe slot (for wireless module) 1 x Mini PCIe slot (for SATA SSD)
Input / Output	1 x USB 3.0, 1 x USB 2.0	
	1 x HDMI	
	1 x RS-232	
	1 x RS-232 (Optional)	
	1 x RS-232/422/485	
	1 x 9~36V Terminal Block	
	1 x CanBus / Digital IO (Optional)	
Environment	1 x SIM Card Slot (Optional)	
	2 x LAN	
	Operating Temperature	-25 ~ 55°C
	Storage Temperature	-30 ~ 70°C
	Humidity	10 ~ 95% non-condensing
	Shock	MIL810F/EN50155
Driver OS Support	Vibration	MIL810F/EN50155
	Power Input	9~36V DC in (Phoenix type) Optional 6-60V DC in, with Ignition On/Off delay
	Safety	Compliance with EN50155, MIL-STD 810F
	Windows Embedded 7 / Windows Embedded 8* / Windows 10 IoT Enterprise	
Mechanical	Dimension(W x H x D)	398 x 308 x 58mm
	Approximate Weight	4.9 kg*
Packing List	*Weight of this device will be more or less depending upon actual component configuration	
	(IB32) SBC Manual & Driver CD	
Product Optional Items	Mounting bracket	One robust bracket with locking handle (Can adjust from -5 deg. to 90 deg.)
	Sunlight Readable	Transflective film enhancement for optional
	Anti-reflective Glass	3 mm (Replace touch)
	WLAN / 3G	Either one
	GPS	USB interface
	Digital IO / Canbus	Either one
Security Support	Trusted Platform Module (TPM 1.2)	

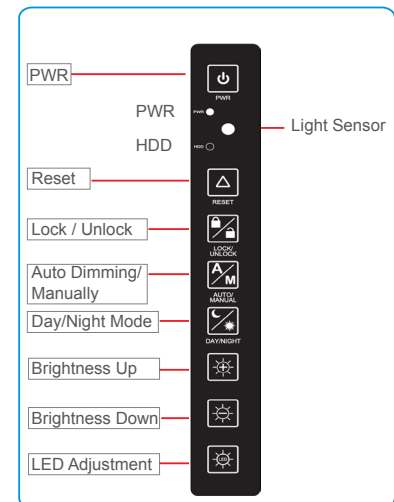


I / O View:



1. 9~36V Terminal Block
2. RS-232 (Optional)
3. RS-232
4. SIM Card Slot (Optional)
5. CanBus / DIO (Optional)
6. RS232/422/485
7. 1xUSB 3.0, 1xUSB 2.0
8. HDMI
9. 2xRJ45

Front OSD Control Function:



Drawing w / Mounting bracket:

