

# HMI Panel PC

SCIGATE AUTOMATION (S) PTE LTD

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## Model:R05FA3S-IPD1HMHB

### Product Features:

- 5.7" 640 x 480 TFT LCD with resistive touch screen
- Freescale Cortex A9 i.MX6 Dual Core 1GHz (Optional Quad Core)
- Onboard LPDDR3 1 GB (Optional for 2GB)
- Onboard 16 GB eMMC Flash
- 1 x USB 2.0; 1 x RS-232/422/485; 1 x Micro SD Slot, 1 x Mini USB, 1 x Micro HDMI
- PoE function (Optional)
- Fanless and Ultra-low power consumption



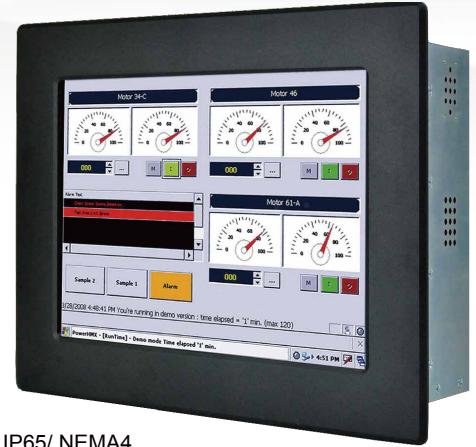
Front IP65



Fanless



PoE

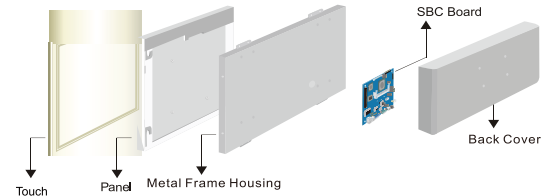


IP65/ NEMA4

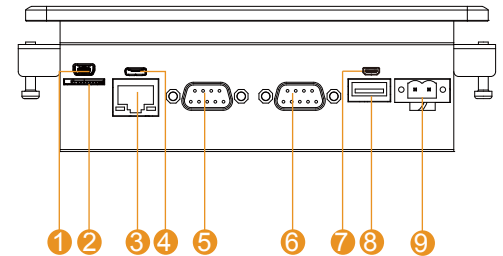
### Product Specifications:

System Specification	Processor	Freescale Cortex A9 i.MX6 Dual Core 1GHz (Optional Quad Core)
	Memory	1GB LPDDR3 (Optional for 2 GB)
	Storage	Onboard 16GB eMMC (Default) Micro SD card
	Operating System	Android 4.4 (Default) Linux 4.1.15 , QT 5.5 (Optional) Ubuntu 16.04 (Optional)
Display Specification	Size/Type	5.7" TFT(LED Backlight)
	Resolution (pixels)	640 x 480
	Brightness (cd/m <sup>2</sup> )	900 cd/m <sup>2</sup>
	Touch interface	Resistive Touch
Input / Output	Serial Interface	1 x RS-232/422/485
	USB Port	1 x USB 2.0, 1 x USB OTG
	Ethernet Port	1 x RJ45, 10/100/1000 LAN (Supports PoE function)
	SD Card	1 x Micro SD Card Slot
	CANBUS	1 x CANBUS
	Power Input	1 x Terminal Block 2 Pin (Phoenix Type)
	Console	1 x Mini USB
Power	Power Input	12V DC Support PoE (Optional)
	Power consumption	Power Device (PD): follows IEEE 802.3at (25 W) 10W
Environment	Operating Temperature	0 deg.C to 50 deg.C
	Storage Temperature	-10 deg.C to 60 deg.C
	Humidity	10% to 90% (non-condensing)

### Mechanical Design:

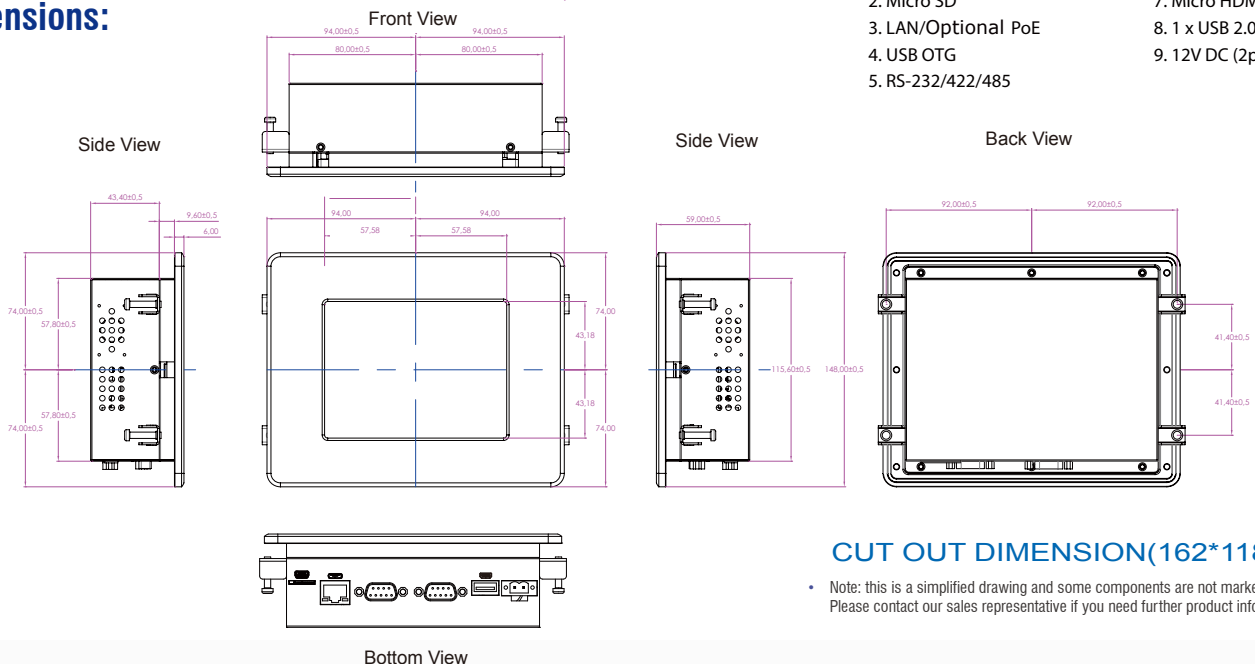


### I / O View:



- |                            |                               |
|----------------------------|-------------------------------|
| 1. Console Port (Mini USB) | 6. CANBUS                     |
| 2. Micro SD                | 7. Micro HDMI                 |
| 3. LAN/Optional PoE        | 8. 1 x USB 2.0                |
| 4. USB OTG                 | 9. 12V DC (2pin Phoenix type) |
| 5. RS-232/422/485          |                               |

### Dimensions:



### CUT OUT DIMENSION(162\*118mm)

- Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information