



DATA SOUND - LABORATORIES -

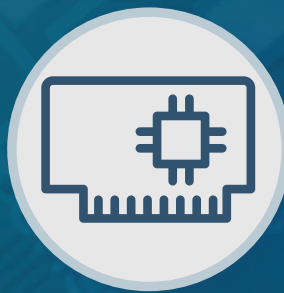
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HMI-043T Open Frame

Compact Design Open Frame with 4.3" TFT LCD and Touchscreen.



RS-232



USB 2.0



ETHERNET



AUDIO



RS-485



CAN BUS



TOUCH



FANLESS



LINUX

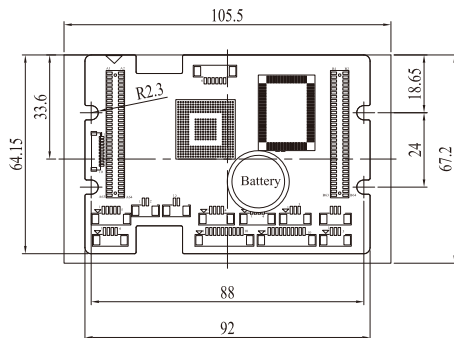
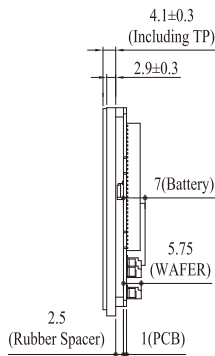
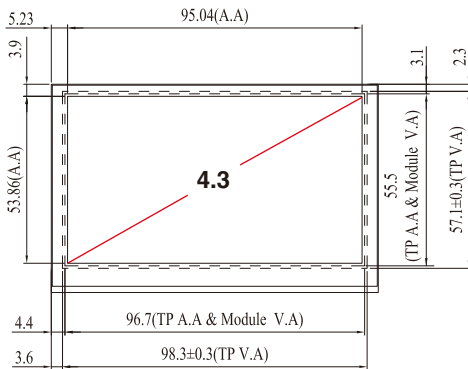


WINDOWS

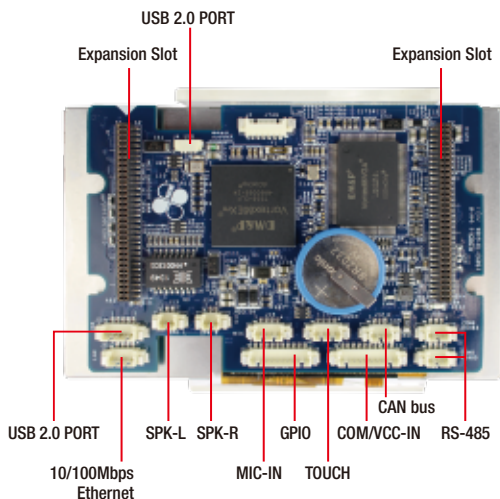
FEATURES

- 4.3" TFT LCD with Resistive Touchscreen
- DMP x86 Processor 400MHz Onboard
- 128/256MB System Memory Onboard
- eMMC Flash Memory Onboard (Optional)
- RS-232/485/CAN/LAN/USB/GPIO Support
- Expansion I/O bus Support
- Open Frame system to integrate into your own housing
- Fanless and low power consumption

Dimension



I/O View



Technical Specification

Hardware Specification

CPU	DMP Vortex86EXm 400MHz
Cache	L1:16K I-Cache, 16K D-Cache L2: 4-way 128KB L2 Cache
Memory	128 / 256MB DDRIII onboard
NAND-FLASH	512MB/1GB/2GB (Optional)
Network	Integrated 10/100Mbps Ethernet
Audio	HD Audio-Realtek ALC262 Codec Mic-in x 1 SPK-L, SPK-R (connector) x 1
Serial Interface	RS-232 x 1 RS-485 x 2 Can bus x 1
USB	USB ports (Ver2.0) x 2
Digital I/O	8-bit GPIO x 1

Display & Touchscreen

Size	4.3" WQVGA TFT LCD
Backlight Unit	LED
Resolution (Pixel)	480(W) x 272(H)
Luminance	300 cd/m ²
Contrast Ratio	500:1
Colors	16.7M
View Angle	Vertical 120°, Horizontal 140°
Touch Screen	4-wire Analog Resistive
Surface Properties	3H / Anti-Glare
Transmittance	80%

Mechanical & Environment

Power Requirement	+5VDC@1A
Operating Temperature	-20 ~ +60 °C (-4 ~ +140 °F)
Storage Temperature	-30 ~ +70 °C (-22 ~ +158 °F)
Operating Humidity	0% to 90% Relative Humidity, Non-Condensing
Operating System	Linux, Windows CE
Dimension	105.5 x 67.2 x 13.6mm (4.15 x 2.65 x 0.54 inches)

Ordering Information

HMI-043T-EM41B-0

4.3" HMI OP w/128MB/512MBeMMC/8MBSPI/1U/1S/485/GPIO/SPK/CAN

