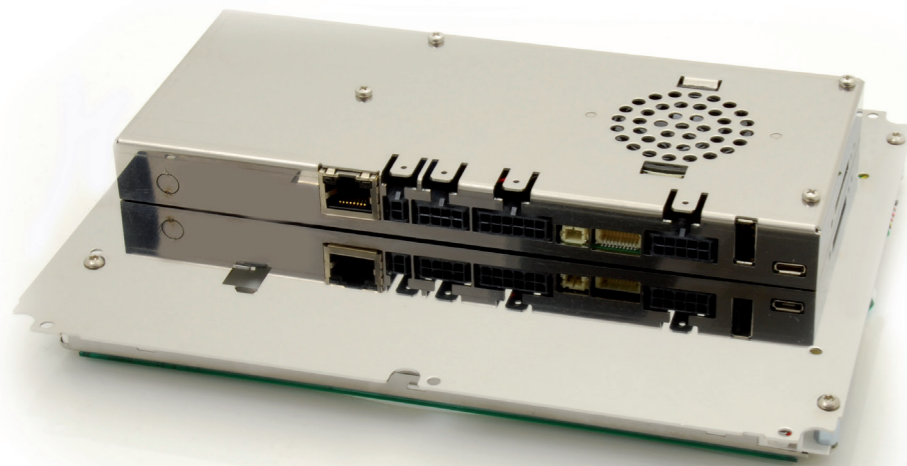
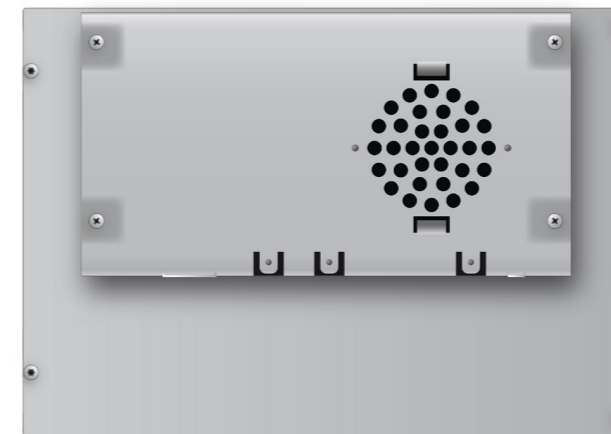
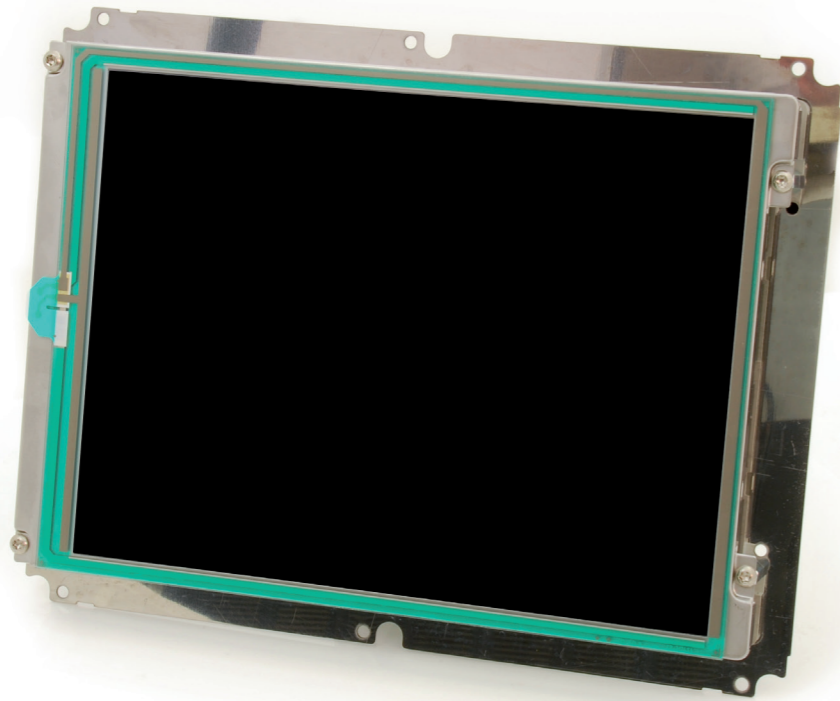
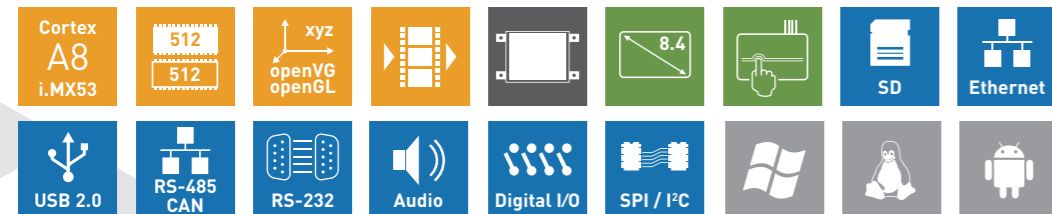


**VINCELL 8.4 open frame**  
ARM Cortex-A8 rear mount HMI



Freescale CPU		
Class	Freescale ARM® Cortex™- A8 i.MX537	
Type/Clock	800 MHz	
Features	NEON™ for SIMD media acceleration and VFP operations; 32 KB for instruction and data caches; Unified 256 KB L2 Cache Multi-format HD 1080p video decoder and HD 720p video encoder hardware engine	
HW Accelerators	OpenGL® ES 2.0, OpenVG™ 1.1	
RTC	Depending on ambient temperature Standard time 's deviation: +/- 30 ppm at 25°C	
Memory		
NAND Flash	Standard	512 MByte SLC
	Maximum	Up to 2GByte SLC
RAM	Standard	512 MByte DDR3-RAM
	Maximum	Up to 2GByte
SRAM	512 KB SRAM (Option)	
SD Card Slot	4 bit MMC/SD(HC)	
Operating Systems		
Supported OS	Windows® Embedded Compact 7, Linux, Android™ 2.3.3/4.2.2	
Communication Interfaces		
Network	10/100 Mbit/s Ethernet	
Serial	2x RS-232 (RX/TX/CTS/RTS)	
	1x RS-485 (Half duplex) galvanic isolated MDB	
Synchronous Serial Interfaces	SPI (10 MBit/s) up to 12 chip selects; I²C Matrix keypad up to 8 x 8	
	High-Speed USB 2.0	
CAN Fieldbus	1x 480 Mbit/s Host (Type A)	
	1x 480 Mbit/s OTG (Type Micro-AB)	
Digital I/O	1x CAN (ISO/DIS 11898) galvanic isolated	
	2nd CAN	CAN1/CAN2 instead of CAN/RS485 (Option)
Speaker output	2x Input, 2x Output (0.7 A)	
Display and Touch	1x speaker (connector), 1.5 W RMS (8Ω)	
Size [mm]	8.4" [213.4]	
Orientation	12 o'clock	
Colors [bit]	24 [16.7 M colors]	
Backlight Unit	LED	
Touch Technology	4-wire analog resistive	
Surface Properties	Antiglare	
Width x Height [px]	800 x 600	
Luminance [cd/m²]	450	
Active Area [mm]	170.4 x 127.8	
Housing		
Metal Parts	1.4016 high quality steel, 0.8 mm	
Device Dimensions		
W x H x D [mm]	209.3 x 164.0 x 27.0	
Weight [g]	580	
Power Supply		
Supply [V DC]	Nom. 12 ~ 24, max. 9 ~ 30	
Consumption [W]	Typ. 9.0	
Typical Environmental Conditions		
Storage Temp. [°C]	-20 to +70	
Operating Temp. [°C]	0 to +60	
Humidity [%RH]	5 to 90	



Online support on [www.garz-fricke.com](http://www.garz-fricke.com)