



Embedded Display 23.8" Embedded Panel PC IDE238FH001



Model Numbers / Ordering Information

Model No.	Particulars	Details
IDE238FH001	Base Model	-
IDE238FH001-LN	Linux Base Model	With Linux OS
IDE238FH001-AD	Android Base Model	With Android OS
IDE238FH001-xx-HB	Brightness	High Brightness
IDE238FH001-xx-PT	Touch Screens	Projected Capacitive Touch Screen
IDE238FH001-xx-RT		4 Wire Resistive Analog
IDE238FH001-xx-5RT		5 Wire Resistive Analog

Industrial Automation

Technical Specification

Model	IDE238FH001	
Display Type	Active matrix TFT LCD with LED backlight	
Active Screen Size	23.8" Diagonal	
Active Screen Size (H x V)	527.04 x 296.46 mm	
Aspect Ratio	16:9	
Resolution	1920 x 1080	
Pixel Pitch (H x V)	274.5 x 274.5 μm	
Viewing Angle (H, V)	178°, 178°	
Luminance	400 ~ 900 cd/m ²	
Contrast Ratio	1000:1	
Color	16.7 Millions	
Response Time (Tr + Tf)	14 ms	
Built in System	Processor - Quad Core Cortex-A17, up to 1.8GHz RAM - 2GB DDR3 1600MHz (4GB Max) Built in 8GB Internal Storage (32 Max) I/O Port : USB2.0, I2C, GPIO, IR Comm. : Serial, UART TTL	
Operating System Support	Android	Lollipop, Marshmallow, Nougat & Oreo (Version)
	Linux	Linux (18.04) with kernel version 4.4.154
Supported Formats	Video Format	H.264, MPEG-4, MPEG-2, MPEG-1, H.263, AVI, MP4, DIV, TS, TP, TRP, MKV, MOV, DAT, ASF, WMV, RM, RMVB
	Image Format	JPEG, PNG
	Music Format	MP3, MP2, WMA, WAV
Network	Wi-Fi (up to 100 Mbps) Ethernet (100-1000 Mbps) Bluetooth	
Power Input	AC 240V	
Operating Temperature	-10° to +60°C	
Storage Temperature	-20° to +70°C	
Power Consumption	40W Max	
Enclosure	MS Steel / Aluminum	
Mounting	VESA Standard / Wall Mount	

Touch Screens (Optional)

Touch Screen Type	Projected Capacitive (Multi Touch) / 4/5 Wire Resistive
Interface	USB
Input Method	Stylus or Finger
Supported OS	Linux & Android

