



Features

- ARM Cortex A8 (1GHz)
- 1280x800 (WVGA) TFT, 450 cd/m², 50,000 hours
- DC 24V±20%
- Aluminum IP65 front bezel and steel chassis, fanless design
- Panel or VESA 100mm x 100mm mount
- ESD Protection: Level 4 (Contact Discharge 8KV, Air-Gap Discharge 15KV), Class A
- Suitable for industrial applications

Specifications

Display type	12.1" TFT
Resolution	1280 x 800
Display area	261.1mm x 163.2mm
Color depth	16.7M
Backlight type	LED
Brightness	450 cd/m ²
Backlight lifetime	50,000 hours
Viewing angel (H°/V°)	170/170
Contrast ratio	1000:1
Touch panel	5-wire resistive type
CPU	ARM Cortex-A8 (1GHz)
Flash memory	4G Bytes eMMC
DRAM	512M Bytes
FRAM (non-volatile)	32K Bytes
RTC	Yes
COM1	RS232/422/485
COM2	RS232/422/485
COM3	RS232/485 or CAN bus (option)
Ethernet	1x 10/100 Mbit or 2x 10/100 Mbit (option)
USB	1x Host, 1x Device
Memory card	SD card
Power supply voltage	DC 24V ±20%, Isolated Power
Power consumption	22W
Operation temperature	0 ~ 50°C
Storage temperature	-20 ~ 60°C
Humidity	10% ~ 90% (non-condensing) @40°C
Waterproof (front)	IP65
ESD Protection	Level 4 (Contact Discharge 8KV, Air-Gap Discharge 15KV), Class A

Dimension	319.0mm(W) x 225.0mm(H) x 50.6mm(D)
Cut-out	305.7mm(W) x 211.7mm(H)
Weight(Net)	2.2 Kgs

Ordering Information

IPR-P12F-N	12.1", 1280x800 pixel, TI ARM [®] Cortex [™] A8, Sitara [™] AM3352 (1GHz), eMMC 4G, SDRAM 512M, COM1 (RS232/RS422/RS485), COM2 (RS232/RS422/RS485), COM3 (RS232/RS485), USB (1 Host/1 Device), Ethernet, SD Card, 24V±20% DC
------------	---

Dimensions

