

7" Android Touch HMI



Integrated Touch Computer

Fanless, iMX6-Solo series touch computer, display and Projected Capacitive touch screen integrated into one complete system.

Effortless Multi-Touch Experience

Projected Capacitive touch technology provides a smooth, effortless multi-touch experience - identical to many of your favorite mobile touch devices.

Installation Flexibility

VESA mount pattern or side mounting holes gives you a choice of mounting method.

Display Details

TPK Model #	N075-O103-A3
LCD Size /Type	7.0" TFT - Active Matrix
Active Area	152.4 H x 91.4 V mm
Backlight	WLED
Aspect Ratio	16:9
Native Resolution	800 x 480
Display Colors	262K
Pixel Pitch	0.1905 H x 0.1905 V mm
Brightness (typ)	270 cd/m2
Contrast Ratio	400:1
Hor. Viewing Angle	140°
Vert. Viewing Angle	140°
Response Time	16 ms

Touch Details

Touch Technology	Projected Capacitive
Multi-Touch Input	2 points
Input Method	Finger, Thin Glove

Dimensions and Weight

Display (WxHxD)	182.1 x 121.1 x 32.8 mm
Display Weight	0.6 Kg
Shipping Weight	0.7 Kg

Options

Product Details

CPU Processor	Freescall iMX6-Solo, 1GHz ARM Cortex-A9
Memory	512MB DDR3, 1kb EEPROM
Storage	4G INAND Flash, Micro-SD Slot
External IO Connector	1x Expansion IO Port (DB-37) 1x USB 2.0 1x Giga LAN with 48V POE Input 1x Micro-SD Slot

Product Details

Audio Input	Built-in 1W / 2 Channel Spkrs
Power Supply	5V DC, 2.5A or 48V DC, 0.4A POE Injector
Power Consumption	Operating: 9W Sleep: 5.5W Off: 50mW
Mounting Options	VESA Mount, Side Mounting Holes
VESA Pattern	75 x 75 mm
Operating Conditions	0°C to +45°C, Noncondensing 80%
Storage Conditions	-30°C to +60°C, Noncondensing 90%
Agency Approvals	CE, UL, CUL, FCC-B, RoHS
Warranty	3 year
Expansion Connector	1x 5V DC Input (2.0A) 1x 5V DC Output (500 mA) 1x 3.3V DC Output (300 mA) 1x Debug Console (RS232) 1x RS232/RJ485 1x I2C 1x USB 2.0 OTG 1x Audio Stereo Line Out 4x GPIO 1x RESET