



EPD-42T

42" Communication Board

- > 42" E Ink Monochrome ePaper Display
- > Built-in Touch Screen
- > High Performance i.MX 7Dual Processor
- > Very Low Power Consumption
- > No Power Needed to Maintain Display Image
- > Sunlight Readable and Doesn't Require a Backlight

Spec

Display	
Technology	42" E Ink Monochrome ePaper Display
Resolution	H:2160 × V:2880
Viewing angle	180(U), 180(D), 180(L), 180(R)
Sunlight Readable	Yes, No Backlight Required
Touch Screen	Built-in Projective Capacitive Touch Screen
System	
Processor	NXP i.MX 7Dual Processor Dual Arm® Cortex®-A7 Cores And Cortex-M4
System Memory	On-Board 1GB DDR3L
Storage	On-Board 8GB eMMC microSD Socket
OS Support	Linux and Android
I/O	
Gigabit Ethernet	1 x RJ-45 Supports 10/100/1000 Base-T
External USB	2 x USB 2.0
Internal USB	4 x USB 2.0
GPIO	4 x GPIO I/F
Serial Port	2 x TTL Serial I/F Supports Optional TTL to RS-232 Converter Supports Optional TTL to RS-485 Converter Supports Optional TTL to USB Converter
Audio	2 x 0.5W Speakers
Expansion	1 x M.2 E-Key Socket
Power Requirement	
Power Adapter	Input: 100~240Vac/50~60Hz Output: 60W (12V/5A)
Mechanical & Environmental	
Operating Temp.	Supports Fanless Operation, 5°C to 40°C
Storage Temp.	-20°C to 60°C
Operating Humidity	5% to 90% Relative Humidity, Non-condensing
Weight	6.5 Kgs
Dimension (W x H x D)	918.8 x 704.6 x 30.4 mm
IP Rating	Front IP65
Certifications	
Certification Information	FCC Part 15 Class B
Order Information	
With Touch Screen	EPD-42T
Without Touch Screen	EPD-42, May Be Subject to MOQ