

Tailor Pixels Key Feature Lines - TFT LCD & AMOLED

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Remark: it is the product list for the general information, the final features please refer to their datasheet.

Round							
Technology	Diagonal (inch)	Resolution (pixel)	Interface/ Instant Solution	Touch Option	Luminance (cd/m2)	Active Area (mm) (W x H)	LCM Dimensions (mm) (W x H x D)
TFT LCD	0.75	160x160	MCU/SPI	N/A	350	18x118	20.21x22.35x1.5
TFT LCD	0.95	128x128	SPI	N/A	1000	23.04 x23.04	25.24x27.14x1.9
TFT LCD	1.2	240x240	MCU	N/A	400	30.24x30.24	32.56x34.31x1.57
TFT LCD	1.28	240x240	SPI	N/A	400	32.39x32.39	35.60x37.74x1.56
AM OLED	1.32	466 x 466	MIPI/QSPI/ESP32P4	On-cell	700	33.55x33.55	36.35x36.35x0.8
AM OLED	1.43	466 x 466	MIPI/QSPI/ESP32P4	On-cell	700	36.35x36.35	39.15 x39.23x0.52
TFT LCD	1.5	360x360	QSPI	N/A	400	38.16x38.16	40.47x41.96x1.56
TFT LCD	1.6	400X400	QSPI	CTP	350	39.84x39.84	46.05x46.08x3.79
AM OLED	1.75	466 x 466	MIPI/QSPI/ESP32P4	On-cell	700	43.76x43.76	45.93x46.35x0.8
TFT LCD	1.85	360x360	MIPI/QSPI/8BIT/SRGB/ESP32P4	CTP	450	45.68x45.68	55.0x55.0x3.05
TFT LCD	2.1	480x480	RGB/MIPI/HDMI	CTP	300/1000	53.28x53.28	56.18x59.71x2.22
AM OLED	2.2	480x480	Coming soon in Nov. 2026			55.3x55.3	57.4x57.8
TFT LCD	2.48	480x480	RGB/MIPI	N/A	500	62.93x62.93	65.87x69.04x1.85
TFT LCD	2.8	480x480	RGB/MIPI/HDMI	CTP	350/ 800	70.13x70.13	73.03x76.48x2.26
TFT LCD	3.4	800x800	MIPI/HDMI	CTP	350/ 800	87.6x87.6	94.9x96.95x2.2
TFT LCD	3.6	544x506	RGB	N/A	580	83.49x89.76	95.46x91.81x2.3
TFT LCD	4	720x720	MIPI/HDMI	CTP	350/ 800	101.52x101.52	123.5x123.5x3.64
TFT LCD	5	1080X1080	MIPI/HDMI	CTP	350	127.00x127.00	136.53x132.20x1.98
TFT LCD	7	1080x1080	MIPI/LVDS/HDMI	N/A	500	177.55 x177.55	186.15 x 191.28x4.8

Square/Close to Square							
Technology	Diagonal (inch)	Resolution (pixel)	Interface/ Instant Solution	Touch Option	Luminance (cd/m2)	Active Area (mm) (W x H)	LCM Dimensions (mm) (W x H x D)
TFT LCD	1.3	240x240	SPI	N/A	350	23.4X23.4	26.16X29.22X1.5
TFT LCD	1.44	128x128	MCU 8bit	N/A	200	25.50x26.50	29.0x34.41x2.20
TFT LCD	1.54	240x240	MCU	CTP	300	27.72 x27.72	31.52x33.72x1.81
TFT LCD	1.71	240x280	SPI	N/A	500	27.97x32.63	30.07x37.43x1.6
TFT LCD	1.89	320x386	QSPI	CTP	400	29.57x35.67	31.58x39.32x1.6
AMOLED	1.98	410x502	MIPI/ QSPI/ ESP32P4	On-cell	800	31.77x38.8	38.27x45.25x2.23
TFT LCD	2	480x360	MIPI	N/A	350	40.82x30.62	44.25x38.70 x1.96
AMOLED	2.01	240x290	QSPI	CTP	500	32.04 x 39.52	33.74x42.98x0.65
AMOLED	2.04	368x448	MIPI/ QSPI/ ESP32P4	On-cell	800	33.244x40.38	38.12 x46.18x1.30
AMOLED	2.06	410x502	SPI	On-cell	700	33.087 x40.511	34.787x43.135x0.80
AMOLED	2.16	480x480	MIPI/ QSPI/ ESP32P4	On-cell	600	38.39x38.39	40.29x41.09x0.8
TFT LCD	2.73	320x320	RGB+SPI/ HDMI	N/A	300	48.96x48.96	53.54x58.74x2.5
TFT LCD	3.4	480x480	RGB+SPI/ MIPI/ HDMI	CTP	300	60.48x60.48	76.5x76.5x3.2
AM OLED	3.92	1080X1240	MIPI	On-cell	500	65.448 x75.14	67.25X79.87X0.8
TFT LCD	3.95	480x480	RGB+SPI/ MIPI/ HDMI	CTP	450	74.66x76.54x2.10	74.66x76.54x2.10
TFT LCD	5	720x720	MIPI	In-cell	460	91.37x91.37	93.67x96.87x2.15
TFT LCD	7.6	800x800	MIPI/ HDMI/ USB-C	CTP	1000	135.36 x 135.36	142.56 x148.24 x5.1
TFT LCD	10	1200x1200	MIPI/ HDMI/ USB-C	CTP	1000	179.82x 179.82	185.82X192.32X5.0

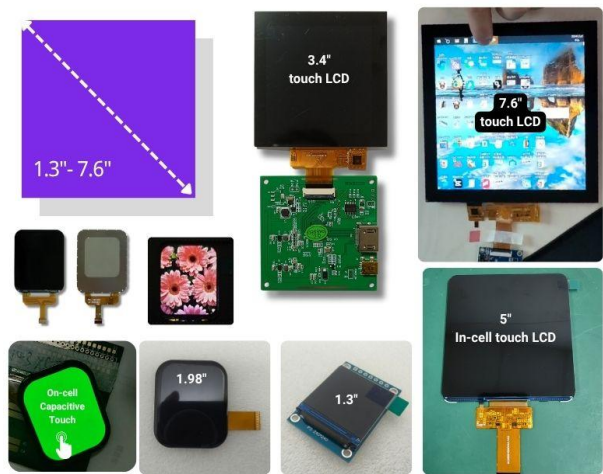
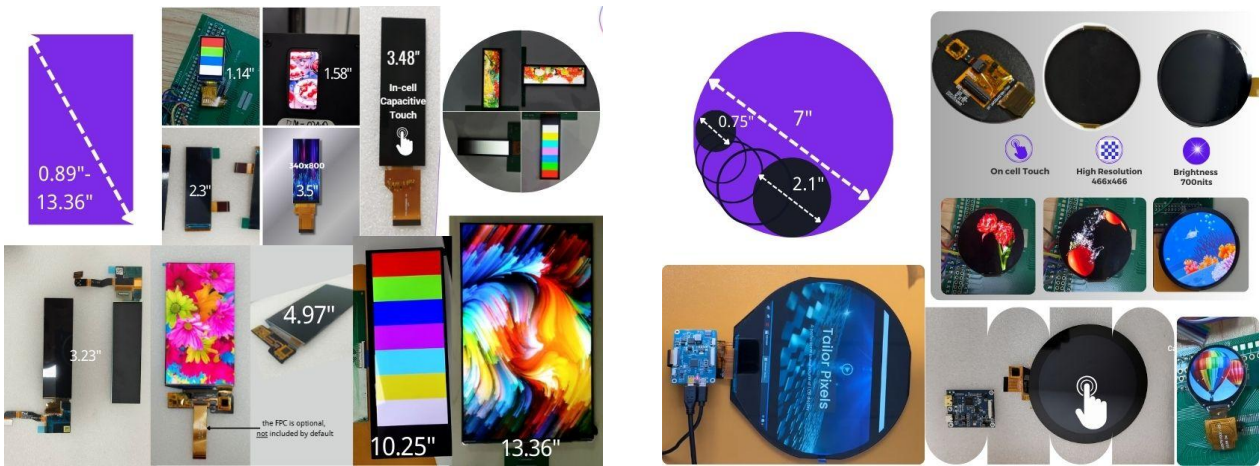
Bar LCD

Technology	Diagonal (inch)	Resolution (pixel)	Interface/ Instant Solution	Touch Option	Luminance (cd/m2)	Active Area (mm) (W x H)	LCM Dimensions (mm) (W x H x D)
TFT LCD	0.89	40x160	SPI	N/A	500	6.095x24.385	8.6x29.8x1.5
AM OLED	0.95	120x240	SPI	N/A	450	12.8x27.35x0.8	10.8 x21.6
TFT LCD	0.96	80x160	SPI	N/A	500	10.8x21.7	13.5x27.95x1.5
TFT LCD	1.46	172x320	SPI	N/A	500	17.65x32.83	19.65x36.76x1.56
AM OLED	1.58	228x460	QSPI	On-cell	450	17.78x35.88	19.48x38.48x0.79
TFT LCD	1.9	170x320	MCU/SPI	N/A	350	22.7x42.72	25.8x49.72x1.43
TFT LCD	2.3	100x310	MCU/SPI	N/A	300	18.0x55.8	21.10x63.60x1.87
TFT LCD	2.86	376x960	MIPI	N/A	400	24.12x72	26.96x80.08x1.58
TFT LCD	3.16	320x820	RGB+SPI	N/A	300	26.4x67.65	31.2x76.6x2.4
TFT LCD	3.18	288x960	MIPI	CTP	400	23.07x76.9	25.5x85.3x3.89
AM OLED	3.23	262x928	MIPI/QSPI/ESP32P4	On-cell	700	22.008x77.95	23.80 x81.05x0.63
TFT LCD	3.48	172x640	SPI/QSPI/MIPI/MCU/RGB	In-cell	350	22.575x84.0	28.989x92.692 x3.035
TFT LCD	3.5	340x800	RGB+SPI	N/A	350	33.97 x81	36.67x88.45x1.65
AM OLED	3.6	604 x 1024	MIPI/ESP32P4	On-cell	800	45.66x77.41	47.56x80.11x0.85
TFT LCD	3.92	480x128	MCU/SPI/QSPI	N/A	400	95.04x25.34	102.46 x34.4x3.56
TFT LCD	3.99	400x960	MIPI/RGB	CTP	350	39.18x94.03	42.9x102.08x1.58
TFT LCD	4.5	480x854	MIPI	N/A	300	55.44x98.64	60x109x2.1
TFT LCD	4.58	320x960	RGB+SPI/HDMI	N/A	400	36.77 x110.30	41.57 x118.8 x 2.5
TFT LCD	5.4	1080x1920	MIPI	In-cell	450	67.39x119.8	70x126.11x1.59
TFT LCD	5.5	480x960	MIPI	N/A	300/700	61.88 x123.75	66.40 x131.93 x2.15
AM OLED	6.39	1080x2340	MIPI	On-cell	600	68.04x147.42	69.84x150.42x0.828
Flexible AM OLED	6.52	840x2520	MIPI	On-cell	500	52.4X157.2	54.4X 159.5
TFT LCD	6.8	480x1280	MIPI/HDMI	CTP	300	60.02x160.59	66.60x181x7.15
TFT LCD	7.1	280x1424	MIPI	CTP	300	33.6x170.88	38.2x181.47x3.4
TFT LCD	7.84	400x1280	MIPI/LVDS/HDMI	N/A	720	59.40x190.08	67.80x205.78x4.75
TFT LCD	8.8	480x1920	MIPI/HDMI	CTP	600	54.72x218.88	231.3x64.3x4.8
TFT LCD	10.25	720x1920	MIPI	In-cell	500/1000	91.37x243.65	108.89x264.24x6.3
TFT LCD	10.4	720x1600	MIPI/HDMI	CTP	550	180x240	115.3x251x4.6
TFT LCD	11.6	140x1920	MIPI	CTP	480	20.58x 282.24	25x 300x 4.12

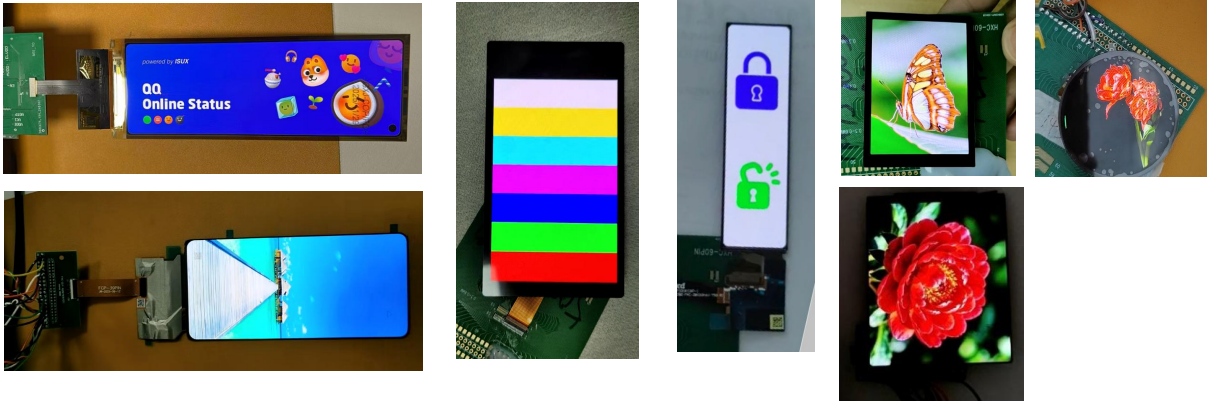
Others

Technology	Diagonal (inch)	Resolution (pixel)	Interface/ Instant Solution	Touch Option	Luminance (cd/m2)	Active Area (mm) (W x H)	LCM Dimensions (mm) (W x H x D)
AM OLED	2.4	450 x 600	SPI/MCU/MIPI/QSPI/ESP32P4	On-cell	800	36.72x48.96	38.72x51.56x0.9
TFT LCD	2.4	480x640	MIPI	N/A	350	36.72x48.96	39.72x54.96x2.08
TFT LCD	2.88	480x640	MIPI	In-cell	500	43.2x57.6	45.6 x63.1x1.61
TFT LCD	3	360x640	MIPI/RGB	N/A	350	36.72x65.28	42.7x74.7x2.2
TFT LCD	3.1	480x800	MIPI	CTP	400	40.32x67.20	43.48x74.42x1.6
TFT LCD	3.45	640x480	MIPI	N/A	330	70.08x52.56	94.08x74.80x4.47
TFT LCD	3.5	320x240	RGB	CTP/RTP	350/1000	70.08 x 52.56	76.90x63.9x3.26
AM OLED	4.97	720 x 1280	MIPI	On-cell	350	61.884x110.016	64.12x116.72x0.643
AM OLED	7	1080x1920	MIPI/HDMI/USB-C	On-cell	700	87.13x154.90	89.13x160.90x1.02
TFT LCD	7.02	1200x1920	MIPI	N/A	400	94.5 x 151.2	111X166X3.26
TFT LCD	13.36	1200x1920	MIPI	In-cell	320	179.82x287.71	197.22x305.11x3.5

Unique Outline



AMOLED, vivid color performance

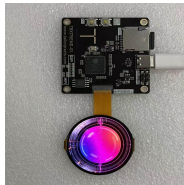


ESP32P4 serial

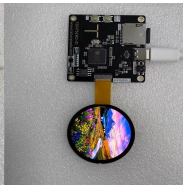
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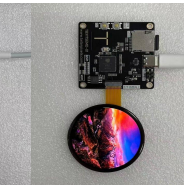
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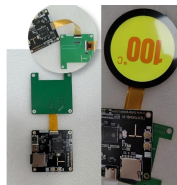
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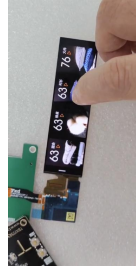
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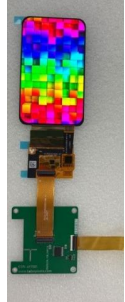
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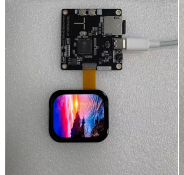
3.23"



3.6"



1.98"



2.04"



2.16"



2.4"



HDMI Serial, Play & Plug

Instant Solution for displays

TBJ034HD-01
RGB+SPI





HDMI Input



Power & Touch



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Compatible TFT LCDs

Square and Round

 2.8" 480x480	 3.4" 480x480	 2.8" 480x480
 2.1" 480x480	 2.73" 320x320	 4" 480x480

Instant Solution for Unique TFT LCD

TBC076HD-01
MIPI



HDMI Input USB-C Power & Touch

TTC100HD-
MIPI



HDMI Input USB-C Power & Touch & Input

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Compatible LCDs

Remark: options in (). CTP for capacitive touch panel; HB for high-brightness

<u>Round</u>	<u>Square</u>	<u>Bar</u>
3.4-inch (CTP & HB)	3.4-inch (CTP)	4.6-inch
4-inch (CTP & HB)	4-inch (CTP)	7.1-inch (CTP)
5-inch (CTP)	7.6-inch (CTP & HB)	8.8-inch (CTP)
7-inch (CTP)	10-inch (CTP)	9.3-inch (CTP)
		10.4-inch (CTP)
		11.6-inch (CTP)


with Touch Panel


3.4" & 4.0" High-brightness 1000nits


7.6" 800X800 High-brightness 1000nits


320x960 280X1424