PHOENIX DISPLAY

Phoenix Standard TFT Reference · Q4 2026

23 existing Phoenix models matched to the supplied list. Values below reflect that list; differences from a product page require engineering review. Unmapped families, touch-only panels and uncertain rows are excluded. No new product numbers have been assigned.

Phoenix part	Resolution	Outline (mm)	Active area (mm)	Brightness (nits)	Operating temperature
PDI029GQ07NS	320(H) x 120(V)	76.90 x 38.22 x 3.26	70.08 x 26.28	300nits	-20℃/70℃
PDI029HQ05NS	320(H) x 120(V)	76.90 x 38.22 x 3.26	70.08 x 26.28	300nits	-20℃/70℃
PDI035CHV85EN	320(H) x 480(V)	54.36 x 83.18 x 2.43	48.96 × 73.44	700nits	-20℃/70℃
PDI039HWQ12HS	480(H) x 128(V)	105.50 x 40.64 x 2.95	95.04 x 25.34	500nits	-20℃/70℃
PDI040HWV08NN	480(H) x 480(V)	77.66 x 78.97 x 2.3	71.86 x 70.18	350nits	-20℃/70℃
PDI040HWV09NN	480(H) x 480(V)	77.66 x 78.97 x 2.3	71.86 x 70.18	300nits	-20℃/70℃
PDI043BWQ99HD	480(H) x 272(V)	105.50 x 67.20 x 2.95	95.04 x 53.86	500nits	-30℃/85℃
PDI043HWV104EN	800(H) x 130(V)	120.70 x 30.00 x 2.77	108.00 x 17.55	800nits	-20℃/70℃
PDI046HWV14EA	800(H) x 320(V)	120.70 x 56.16 x 4.30	108.00 x 43.20	700nits	-20℃/70℃
PDI046QWV11HS	800(H) x 320(V)	120.70 x 56.16 x 3.10	108.00 x 43.20	550nits	-20℃/70℃
PDI050BWV105ES	800(H) x 480(V)	121.00 x 78.80 x 7.00	108.00 x 64.80	1000nits	-30℃/85℃
PDI050QWS115EN	600 (H) x 600 (V)	95.08 x 99.50 x 2.70	89.28 x 89.28	900nits	-20℃/70℃
PDI070QWU142FN	1200(H) x 1920(V)	111.00 × 166.00 × 3.60	94.50 × 151.20	1500/2500nits	-20℃/70℃
PDI075BWX01EP	800(H) x 800(V)	142.52 x 148.20 x 4.86	135.36 x 135.36	1000nits	-20℃/70℃

Phoenix part	Resolution	Outline (mm)	Active area (mm)	Brightness (nits)	Operating temperature
PDI090BWS05ED	1024(H) x 600(V)	210.70 x 126.50 x 5.20	196.61 x 114.15	1000nits	-20℃/70℃

Phoenix part	Resolution	Outline (mm)	Active area (mm)	Brightness (nits)	Operating temperature
PDI101BWX42NP	800(H) x 1280(V)	143.00 x 228.6 x 2.60	135.36 x 216.58	400nits	-20℃/70℃
PDI101BWX49EP	800(H) x 1280(V)	143.00 x 228.6 x 2.60	135.36 x 216.58	750nits	-20℃/70℃
PDI101HWX53ED	1280(H) x 800(V)	229.46 x 149.10 x 4.50	216.96 x 135.60	1000nits	-30℃/80℃
PDI101QWU65HP	1200(H) x 1920(V)	142.50 x 227.93 x 3.00	135.36 x 216.58	600nits	-10℃/60℃
PDI121BWX04ND	1280(H) x 800(V)	277.70 x 180.60 x 6.20	261.12 x 163.20	500nits	-20℃/70℃
PDI121BWX05ED	1280(H) x 800(V)	277.70 x 180.60 x 4.50	261.12 x 163.20	1000nits	-20℃/70℃
PDI123BWU09NP	1920(H) x 720(V)	299.43 x 119.96 x 2.90	292.03 x 109.51	400nits	-20℃/70℃
PDI123BWU11EP	1920(H) x 720(V)	300.03 × 121.01 × 6.00	292.03 x 109.51	950nits	-30℃/80℃

Interfaces, drivers, viewing and touch

Phoenix part	Interface / driver	Viewing / mode	Touch option
PDI029GQ07NS	SSD2119 (SPI/RGB/MCU)	2.9'' TN	Not specified in this list
PDI029HQ05NS	ST7272A (RGB)	2.9'' IPS	Not specified in this list
PDI035CHV85EN	ILI9488 (RGB)	3.5'' IPS	Not specified in this list
PDI039HWQ12HS	SC-7283-G4-1 (RGB)	3.9'' IPS	Not specified in this list
PDI040HWV08NN	ST7701S-G5 (RGB)	4.0'' IPS	Not specified in this list
PDI040HWV09NN	ST7701S-G5 (MIPI)	4.0'' IPS	Not specified in this list
PDI043BWQ99HD	NV3041A (MCU)	4.3'' IPS	Not specified in this list
PDI043HWV104EN	ST7262(RGB)	4.3'' IPS	Not specified in this list
PDI046HWV14EA	ST7262-G4 (RGB)	4.6'' IPS	Not specified in this list
PDI046QWV11HS	ILI6122+ILI5960 (RGB)	4.6'' TN	Not specified in this list

Phoenix part	Interface / driver	Viewing / mode	Touch option
PDI050BWV105ES	ST72568 (RGB)	5.0'' IPS	Not specified in this list
PDI050QWS115EN	OTA7290B (MIPI)	5.0'' IPS	Not specified in this list
PDI070QWU142FN	FT8206 (MIPI)	7.0'' IPS	Not specified in this list
PDI075BWX01EP	ILI9881C (MIPI)	7.5'' IPS	Not specified in this list
PDI090BWS05ED	HX8696-A01+HX8282A11 (LVDS)	9.0'' IPS	Not specified in this list
PDI101BWX42NP	ILI9881C (MIPI)	10.1'' IPS	Not specified in this list
PDI101BWX49EP	ILI9881C (MIPI)	10.1'' IPS	Not specified in this list
PDI101HWX53ED	EK79202 (LVDS)	10.1'' IPS	Not specified in this list
PDI101QWU65HP	HX8279 (MIPI)	10.1'' IPS	Not specified in this list
PDI121BWX04ND	HX8255-A (LVDS)	12.1'' IPS	Not specified in this list
PDI121BWX05ED	LVDS	12.1'' IPS	Not specified in this list
PDI123BWU09NP	LVDS	12.3'' IPS	Not specified in this list
PDI123BWU11EP	LVDS	12.3'' IPS	Not specified in this list