Panda LM116LF3L01 - Panelook specification summary (not the manufacturer datasheet)

Kaynak: https://www.panelook.com/LM116LF3L01_Panda_11.6_LCM_parameter_36391.html (2026-10-31)

PANDA LM116LF3L01 Application Details

Basic Info :	Mfr.	PANDA	Model No.	LM116LF3L01
	Diagonal Size	11.6"	Application	
	Panel Type	Oxide TFT-LCD, LCM	Alias	NCP000A
Reliability :	Operating Temp.	-10 ~ 60 °C	Storage Temp.	-20 ~ 70 °C
	RoHS State	RoHS	Vibration Rating	1.0G (9.8 m/s²)
Specific Features :	sRGB, WLED, LED Driver, Reverse, Matte			
Remarks :	eDP1.2			

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PANDA LM116LF3L01 Optical Details

Basic Information :	Brightness	300 cd/m² (Typ.)	Contrast Ratio	1000:1 (Typ.) (Transmissive)
	Viewing Angle	89/89/89/89 (Typ.)(CR≥10)	Display Type	FFS, Normally Black, Transmissive
	View Direction	Symmetry	Response Time	25 (Typ.)(Tr+Td) (ms)
Color Performance :	Chromaticity	Wx:0.313; Wy:0.329	Display Colours	16.7M (8-bit)
	Color Temp.	6485K	White Uniformity	1.25/1.50 (Max.)(5/13 points)
Color Gamut :	NTSC Ratio	75% NTSC (CIE 1931)	sRGB	100% coverage (CIE 1931)
	Adobe RGB	78% coverage (CIE 1931)	DCI-P3	78% coverage (CIE 1931)
	Rec.2020	56% coverage (CIE 1931)	Low Blue Light	-

Disclaimer : This was entered by panelook engineers based on the datasheet, but we cannot guarantee that the listed specifications are completely accurate.

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PANDA LM116LF3L01 Mechanical Details

Pixel Features :	Number of Pixels	1920(RGB)×1080 [FHD]	Dot Pitch	0.0445×0.1335 mm (H×V)
	Pixel Structure	RGB Vertical Stripe	Pixel Pitch	0.1335×0.1335 mm (H×V) [190PPI]
Mechanical Size :	Display Area	256.32×144.18 mm (H×V)	Bezel Area	-
	Outline Area	268×168 mm (H×V)	Outline Depth	2.8/3.0 (Typ./Max.) mm
Outline Features :	Form Factor	Flat Rectangle	Orientation	Landscape type
	Aspect Ratio	16:9 (H:V)	Shape Style	Slim (PCBA Flat, T≤3.2mm)
Holes & Brackets :	Without			
Other Features :	Weight	215g (Max.)	Surface	Antiglare, Hard coating (3H)

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PANDA LM116LF3L01 Electronics Details

Frame Frequency :	60Hz
Reverse Scan :	No

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PANDA LM116LF3L01 Specification Source

File Referenced :	File Number	Version	Language	Issue Date
	-	Rev.04	English	2017 - 3 - 10
Spec Latest Update :	2026-10-12 09:18			

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PANDA LM116LF3L01 Datasheets Download

Datasheet	Version	Language	Issue Date	File Size	Pages	Latest	
LM116LF3L01 Datasheet	Rev.04	English	2017-3-10	2.7 M	25	Latest	Paid Download

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PANDA LM116LF3L01 Summary

Nanjing CEC Panda LCD Technology Co., Ltd. (hereafter called PANDA) LM116LF3L01 (Product Code: NCP000A) is a 11.6 inch diagonal Oxide TFT-LCD display screen product, with an incorporated WLED lighting system, With LED Driver, without touch screen. Based on datasheet with version of Rev.04 which was released out on 3 10 2017, LM116LF3L01 supports display 1920(RGB)×1080 (FHD) with aspect ratio of 16:9 (W:H), whose pixels are arranged in RGB Vertical Stripe. As for mechanical detail, it features active area of 256.32(W)×144.18(H) mm, outline size of 268(W)×168(H)×3(D) mm, with surface treament of Antiglare, Hard coating (3H), net weight of 215g (Max.), shape stype of Slim (PCBA Flat, T≤3.2mm). As a FFS, Normally Black, Transmissive LCM product, LM116LF3L01 can provides 300 cd/m² display brightness 1000:1 transimissive contrast ratio, 89/89/89/89 (Typ.)(CR≥10) (L/R/U/D) viewing angle, best view direction on Symmetry , and response time of 25 (Typ.)(Tr+Td) ms. Gray scale or the brightness of the sub-pixel is determined with a 8-bit gray scale signal for each dot, thus presenting a palette of 16.7M colors, also with performance of color gamut 100% (sRGB). This product adopted WLED as it's backlight systerm which was placed as Edge light type and have a working life time of 15K hours, With LED Driver. LM116LF3L01 utilizes eDP (2 Lanes) as it's signal inputting systerm, which connected by 30 pins Connector with power supply voltage of 3.3V (Typ.). It's typical vertical frame rate (Fv) is 60Hz. For more latest product detail of LM116LF3L01 We strongly recommend that you should refer to datasheet listed on Panelook.com or contact with PANDA or it's distributor.