

BITFENIX

14-inch PC Case Secondary Display (YM2575)

Product Specification

1. Product Overview

This product is a 14-inch secondary display designed specifically for PC DIY enthusiasts. It features an original BOE IPS panel and is equipped with a CNC-machined aluminum alloy frame. It is suitable for internal PC case modifications and can be used as an extended display.

The screen can display real-time animated wallpapers and can also be used with software such as AIDA64 and Wallpaper Engine as a hardware monitoring panel or dynamic wallpaper display.

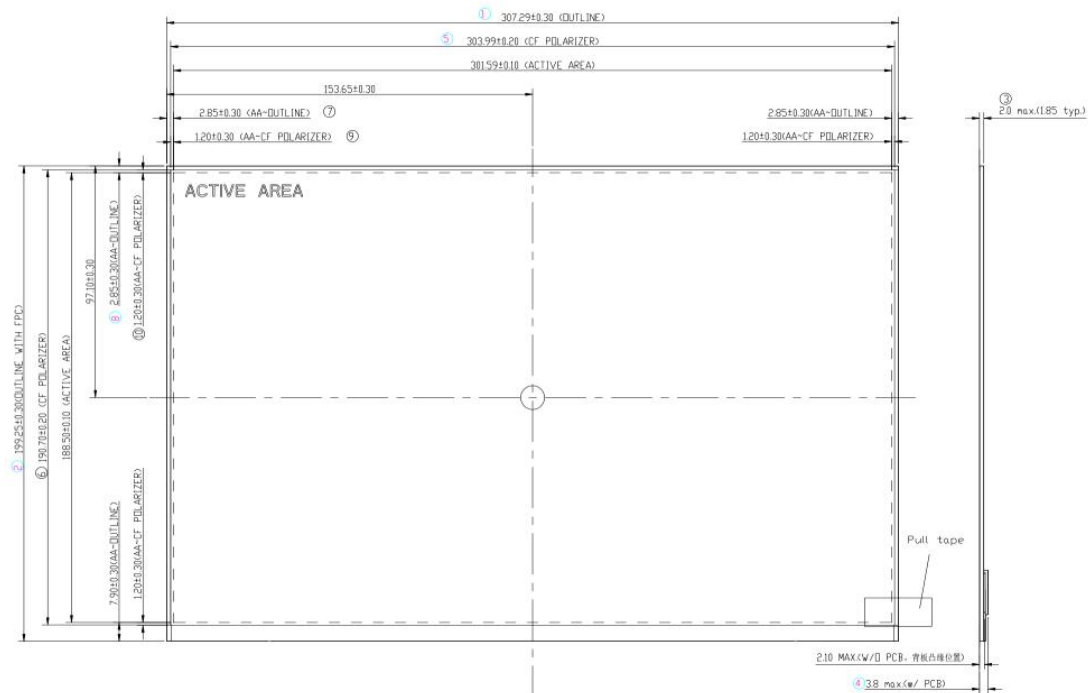
It supports standard HDMI video input and USB (Type-C) 5V power supply, offering plug-and-play functionality.

2. Specifications

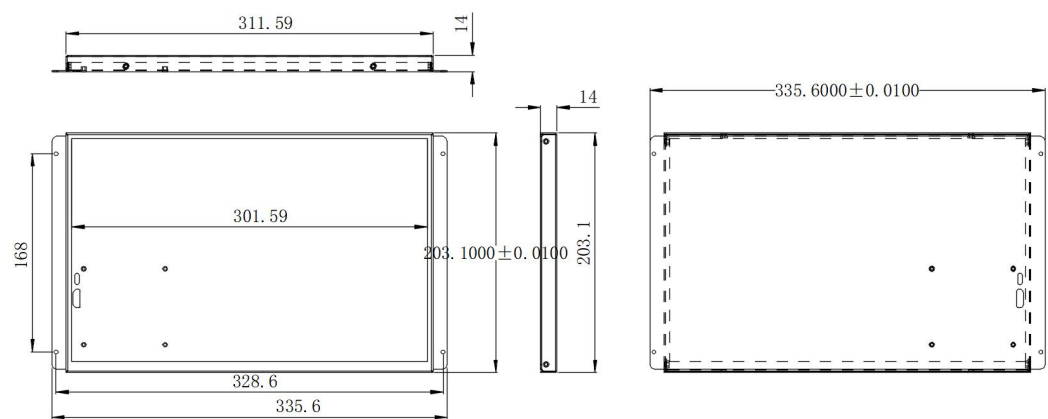
项目 (Item)	规格参数 (Specifications)
屏幕尺寸 / Screen Size	14.0 英寸 (对角线) / 14.0 inches (diagonal)
屏幕品牌 / Screen Brand	京东方 (BOE) NE140WUM-N67
产品尺寸 (含外框) / Product Dimensions (incl. Frame)	长 335.60mm × 宽 203.10mm × 厚 14.00mm
显示比例 / Aspect Ratio	16:10
面板类型 / Panel Type	Oxide TFT-LCD
显示区域 / Display Area	301.59mm × 188.50mm
分辨率 / Resolution	1920(H) × 1200(V) Pixels
刷新率 / Refresh Rate	60Hz
亮度 / Brightness	300 - 400 cd/m²
对比度 / Contrast Ratio	1500:1
可视角度 / Viewing Angle	89 (CR≥10)
显示色彩 / Display Color	16.7M, 100% sRGB
外壳材质 / Enclosure Material	1.00mm 铝合金 表面喷粉 (黑色或白色) / 1.00mm Aluminum Alloy, Powder Coated (Black or White)
功耗 / Power Consumption	≤ 8 W
固定方式 / Mounting Method	螺丝孔位固定 / Screw hole fixation
视频接口 / Video Interface	标准 HDMI / Standard HDMI
供电接口 / Power Interface	Type-C / USB (仅供电, 5V/2A) / Type-C / USB (Power only, 5V/2A)
线材长度 / Cable Length	HDMI 信号线 (100cm) + Type-C/USB 供电线 (100cm) / HDMI signal cable (100cm) + Type-C/USB power cable (100cm)

3. Product drawings

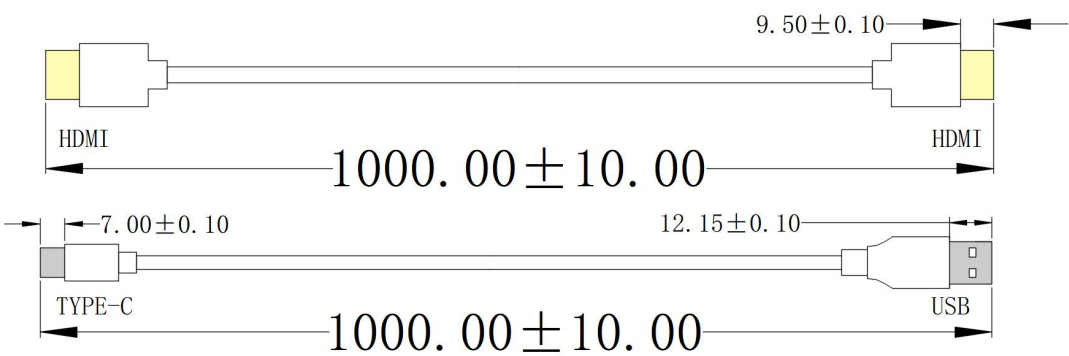
1) LCD Drawings



2) Outer frame drawing



3) Wiring diagram



4. Environmental Parameters and Reliability

Item	Specifications
Operating Temperature	$0 \sim 50^{\circ}\text{C}$
Storage Temperature	$-20 \sim 60^{\circ}\text{C}$
Operating Humidity	10% ~ 90% (Non-condensing)
ESD Protection	Contact discharge: $\pm 4\text{KV}$; Air discharge: $\pm 8\text{KV}$

5.

1)Power Supply Requirements: Please use a USB port that provides $\geq 5\text{V}/2\text{A}$ for power supply (such as a computer USB 3.0 port or a charger adapter rated at $\geq 5\text{V}/2\text{A}$ and above). Insufficient power supply may cause the screen to flicker or fail to light up.

2)Video Signal: The video signal must be connected to the computer's dedicated or integrated graphics card output via a standard HDMI interface. The Type-C port is for power supply only and does not support video input.

3)Driver Board Compatibility: The eDP driver board has been pre-configured with display parameters matching the NE140WUM-N67 panel. Please do not replace it with other driver boards to avoid parameter mismatch.

4)Installation Precautions: When installing inside a computer case, please avoid placing the component near heat-generating sources such as the motherboard or graphics card, and ensure proper ventilation.