

37 inch color TFT-LCD display with special aspect ratio 16:4.5 and wide resolution 1920 x 540. which designed for high brightness 1500 nits with power efficiency LED backlight. It provides LCD panel with specific aspect ratios and sunlight readable for digital signage, public transportation, exhibition hall, department store, and vending machine.



Product Highlights - Advantages and Benefits

- ▶ Front Panel IP65, IP66 Compliant
- ▶ Bezel-Free Design
- ▶ Fanless Design
- ▶ AC 100~264V Power Input
- ▶ 1920*540 Strech Bar Type
- ▶ High Brightness 1500 nits LED Backlight
- ▶ Anti-Glare Vandal Proof Cover Glass
- ▶ Anti-Reflection
- ▶ Lockable HDD Tray
- ▶ -20~60°C Operating Temp

Advantages

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Benefits

The LPC-B370WAGARH5-10 is designed with the actual needs of industrial environments in mind. It features a 37-inch ultrawide display, high brightness, anti-glare, fanless operation, wide-temperature operation, rich I/O interfaces, and a protective front panel design. This allows users to clearly monitor production, equipment, and alarm information even in high ambient light and harsh industrial environments. Integrating display, computing, power, and multiple connectivity interfaces, along with VESA mounting, simplifies equipment architecture and installation processes, accelerating OEM and production line implementation. The fanless and wide-temperature design reduces the risk of fan failure and equipment malfunctions caused by environmental factors during prolonged operation. It supports various industrial interfaces such as USB, GbE, RS-232, and RS-422/485, allowing flexible connection to PLCs, SCADA, MES, scanners, controllers, and various peripheral devices. This further reduces the complexity of system integration and daily maintenance, improves the stability and reliability of long-term operation, and lowers overall long-term maintenance costs.

Specifications

System

CPU	Intel® Celeron® N3160 SoC CPU
System Memory	DDR3L SO-DIMM, up to 8 GB
External I/O Port	4 x USB 3.0 2 x GbE LAN (RTL8111G) 1 x Display Port 1 x HDMI 3 x RS-232 1 x RS-232/422/485 1 x Audio 1 x Power press button
Storage	1 x HDD Tray 1 x mSATA (full size mini-PCIe)
Operating System	Win 7 Pro/ WES7 / Win 8 / Win 10

Power Requirement

Power Input	AC 100~264V Power Input by AC-Inlet
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LCD

Display Type	37" TFT-LCD
Max. Resolution	1920*540
Max. Color	1073.7M
Luminance	1500 nits
View Angle	89/89/89/89
Backlight Lifetime	50,000 hours

Cover Glass

Type	Anti-Glare, 2.8T
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Mechanical

Construction	Metal Case
IP Rating	Front Panel IP65, IP66 Compliant. Back IP40
Mounting	VESA Mount : 200 * 100 mm & 400 * 100 mm
Dimension	990 mm x 340 mm x 97.5mm.

Environment

Operating Temp	-20~60 °C , IEC-60068-2-1/2/14
Storage Temp	-20~60 °C
Humidity	10~90% @40 °C, non-condensing
EMC	FCC / CE Class A Certification
Vibration	1.5 Grms @10~500Hz, IEC-60068-2-64

Ordering Code

LPC-B370WH5AGAR-10	37" Panel PC with Intel® Celeron N3160, 1500nits, AG & AR, Removable 2.5" HDD Tray, AC100~264V
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Dimension & I/O Connector

