

PC-2150

MODEL NO.:

21.5" TOUCH SCREEN PANEL PC

Panel PC solutions for wide range of industrial & commercial applications



1920x1080 resolutions



IP65 Rating



Metal Housing



10-Points Touch



1000 nit Brightness



WIFI & Bluetooth



Windows 7/10



Linux Ubuntu

Industrial Panel PC

Medical Equipment

Advertising Machine

Self-Service Kiosk

Applications

Rich resource working with powerful Intel CPU processor, which applied in different fields. For instance, Intelligent industrial control system, electric power industry, electronic assembly line, numerical control machine, coal mine acquisition, large warehouse management, manufacturing, retail, medical device, HMI, catering and entertainment, port terminal, shopping mall, etc.



IP65 Rating Screen Panel

The front panel is designed to carry IP65 degree of protection which offer complete protection against particles, and a good level of protection against water, up to water projected by a nozzle against front panel from any direction.

Sunlight Viewable

**High Brightness
1000 cd/m²**

A+ Industrial Grade Screen

Selection of high-quality industrial-grade screens on the market, which not only has prominent color representation, but also the high brightness of 1000 nit screen panel makes it suitable for outdoor sunlight conditions.

X86 Architecture

Integrated Intel® Celeron 2.0GHz quad core processor, based on Intel® Bay trail SOC platform

System support

Windows 7 / 10, Linux Ubuntu for optional

GPU

Integrated Intel® HD Graphics

Touch

21.5" 10-points touch screen with friendly user experience

Bluetooth

Bluetooth 4.0 2402MHz-2480MHz

Mounting

Embedded wall mounting, 100mm / 75mm VESA mounting

CPU

Integrated Intel® Celeron J1900 2.0GHz quad-core processor

Memory / Storage

Memory: 4GB DDR3; Storage: 120GB mSATA

Wi-Fi

802.11a/b/g/n, 2.4GHZ

Interface

COM, LAN, USB, HDMI, VGA...

Power Consumption

Normal mode: $\leq 40W$

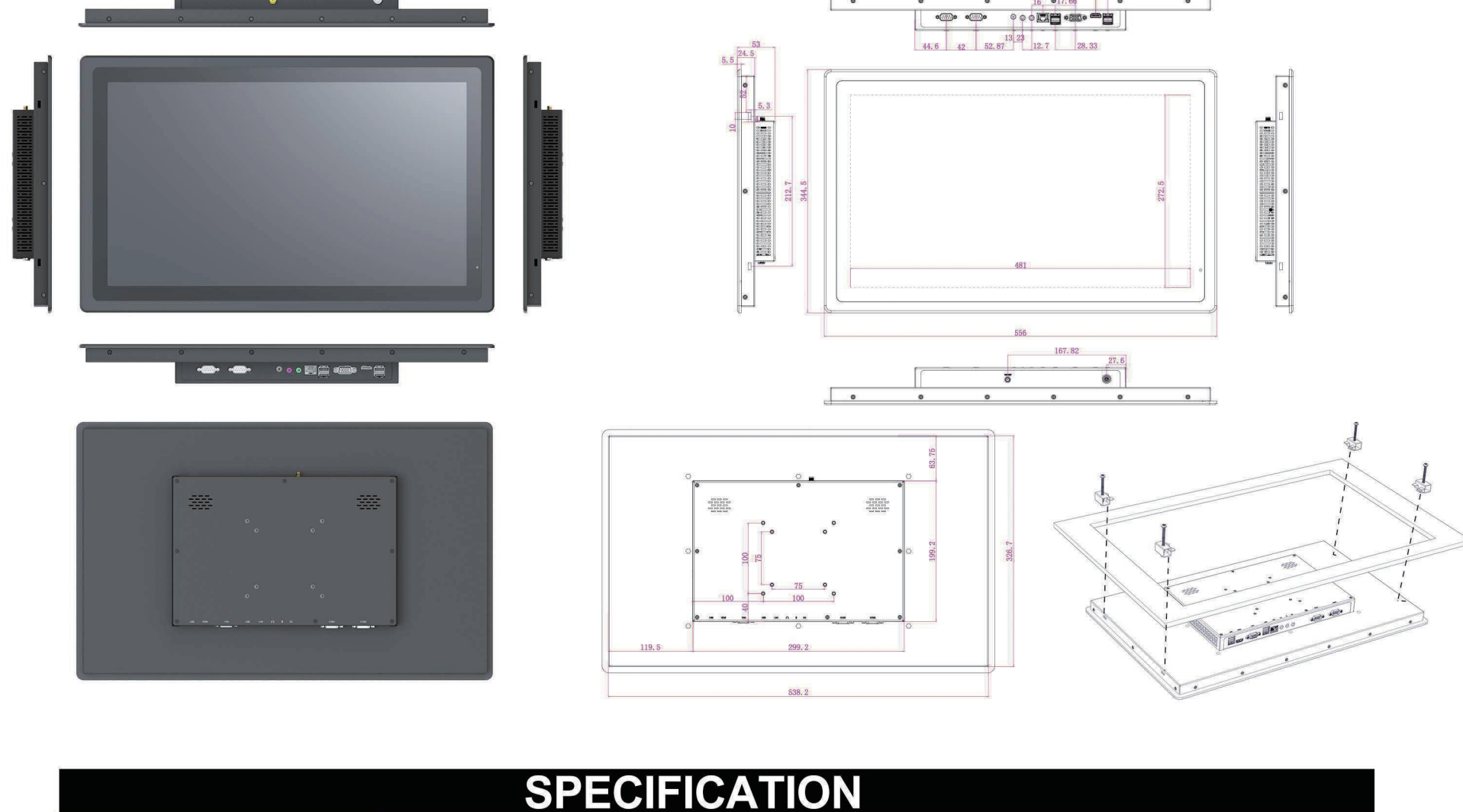
Metal Housing

Tightly stitched sheet metal process with open design that can be split and replaced.

Slender Embedded PanelCOM
x2LAN
x1USB
x4VGA
x1HDMI
x1

Rich Interfaces

In addition to the interfaces shown, the engineers have creatively reserved a number of expansion ports on the mainboard that can be uniquely customized for different requests. The readily replaceable sheet metal also provides a great deal of ease in modifying the interfaces.



SPECIFICATION

CPU	Integrated Intel® Celeron J1900 / 2.0GHz quad core processor
GPU	Integrated Intel® HD Graphics
Operating System	Windows 7 / 10, Linux Ubuntu (optional)
RAM	4GB DDR3, up to 8GB
Storage	120GB mSATA (SATA2.0 or 2.5 inch HDD optional)
LCD	21.5" FHD (1920 x 1080), 1000cd/m ² higher brightness, Sunlight readable
Touchscreen	10 point multi touch capacitive touchscreen supporting glove and rain mode
Bluetooth	4.0 BLE
WLAN	IEEE 802.11 a / b / g / n; 2.4GHz
Sound	Onboard ALC662 6-channel high fidelity audio controller, support MIC/Line-out, amplifier 2 x Amplifier proposed using 2x1 5W speakers
Expansion	1 x Mini-PCIe
Interfaces	1 x HDMI 1 x VGA 3 x USB 2.0 1 x USB 3.0 1 x LAN 2 x RS232 serial ports
Watch dog	Windows 7/Windows 10/Linux
Power	DC 12V
Power consumption	≤ 40W
Physical Dimensions	556 x 344.5 x 53 mm
Weight	7.25kg
Environment	Dust resistance test: IP6x (front panel) Water resistance test: IPx5 (front panel) Operating temperature: -10°C ~ 60°C (14°F ~ 140°F) Storage temperature: -20°C ~ 70°C (-4°F ~ 158°F)

Accessories



DC 12V 5A Power Adapter



2.4GHz Wifi Antenna



Fixed Screw x4



User Guide

