

# Brilliant 21



21.5" Full HD TFT Fanless Multi Touch Panel Computer with Intel® Celeron® Quad Core Processor J1900

## Features

- 21.5" Full HD TFT with projected capacitive multi-touch
- Fanless design with Intel® Celeron® Quad Core Processor J1900
- Support IP65 at front panel
- Optional for sunlight readable
- Optional for panel and touch enhancement for industrial applications
- Support VESA arm/desktop/stand/wall mount/panel mount

## System

CPU	Intel® Atom 4-core J1900
Graphic	Intel® Gen7 Intel Graphics DX 11*, OGL3.2
Chipset	SoC integrated
System Memory	2 x 204 pin DDR3L 1333 max. up to 8GB
Watchdog	255 levels, 0~255 sec.
HDD/ SSD	1 x 2.5" SATA HDD supported 1x mSATA (shared with mini PCIe slot)

## I/O

Display	1 x HDMI ,1 x VGA
Audio	1 x Audio (Mic-in) 1 x Audio( Speaker-out)
USB	4 x USB 2.0 2 x USB 3.0
Serial	1 x RS-232/422/485 4 x RS-232
Ethernet	1 x 10/100/1000Mbps Ethernet

## Expansion

PCIe	1 x Full-size PCI Express Mini card (either MiniCard or mSATA, and by Jump setting) 1 x Half-size PCI Express Mini card (for optional Wireless module)
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## Environment & Mechanical

Power Supply	DC version : 9~19 VDC
Temperature Operation	0°C - +50°C (32°F -122°F)
Humidity Operation	10%-95%
Weight (net/gross)	9.8kg / 11.2kg

## Headquarter

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Note : All product specifications are subject to change without notice

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Dimension(W x D x H)	528 x 319 x 70 mm (20.39" x 12.56" x 2.76")
Packing Dimension(W x D x H)	635 x 420 x 198 mm (25" x 16.53" x 7.80")
<b>Certification &amp; Optional OS Installation</b>	
OS	Microsoft® Windows® 8.1 Microsoft® Windows® 7
Certification	CE
<b>LCD</b>	
LCD Size	21.5"
Resolution	1920 x 1080 (16:9 wide)
Contrast	1000
Pixel Pitch	248 x 248 (um)
Viewing Angle (H/V)	170 x 160
Response Time	5ms
Color	16.7M
Brightness	250 (cd /m <sup>2</sup> )

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Model	Description
<b>TPC-5220</b>	21.5" Full HD TFT fanless multi-touch panel computer with Intel® Celeron® 4-core Processor J1900
<b>TPC-5220-4500H-RX0</b>	21.5" Full HD TFT fanless multi-touch panel computer with Intel® Celeron 4-core Processor J1900, 4GB DRAM & 500G 2.5" SATA HDD

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## A Punchy Headline



**SmartMOD**  
U6-500/UP6-500 Series

### A Small Subtitle

Choose a vibrant image and write an inspiring paragraph about it. It does not have to be long, but it should reinforce your image.

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