

# Brilliant 21 PRODUCT BROCHURE



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

**Part number:** TPC-5220

## Features

- 21.5" Full HD TFT with projected capacitive multi-touch
- Fanless design with Intel® Celeron® Quad Core Processor J1900
- Support IP54 at front panel
- Sunlight readable (Optional)
- Panel and touch enhancement for industrial applications (Optional)
- Support VESA arm/desktop/stand/wall mount/panel mount

## System

<b>CPU</b>	Intel® Atom™ Quad Core J1900
<b>Chipset</b>	SoC Integrated
<b>Memory</b>	2 x 204 pin DDR3L 1333 max. up to 8GB
<b>HDD</b>	1 x 2.5" SATA HDD supported
<b>I/O Port</b>	1 HDMI, 1 x VGA
	4 x USB 2.0
	2 x USB 3.0
	1 x RS-232/422/485
	4 x RS-232
	1 x Audio (Mic-in)
	1 x Audio (Speaker-out)
<b>Ethernet</b>	1 x 10/100/1000Mbps Ethernet
<b>Expansion Slot</b>	1 x Full-size PCI Express Mini card (either MiniCard or mSATA, and by Jumper setting)
	1 x Half-size PCI Express Mini card (for optional Wireless module)

## Display

\* All product specifications are subject to change without notice

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<b>Size</b>	21.5"
<b>Resolution</b>	1920 x 1080 (16:9 wide)
<b>Contrast</b>	1000
<b>Pixel Pitch</b>	248 x 248 (um)
<b>Viewing Angle</b>	170 x 160 (H/V)
<b>Response Time</b>	5ms
<b>Color</b>	16.7M
<b>Brightness</b>	250 (cd/m <sup>2</sup> )
<b>Lifetime HR</b>	30000 hrs
<b>Touchscreen</b>	Projected Capacitive Multi-Touch
<b>Power Supply</b>	DC version: 9~19VDC AC version: 12VDC w/adaptor

## Environmental

<b>Operating Temperature</b>	0°C - +50°C?32°F - +122°F?
<b>HDD Temperature</b>	0°C - +40°C?32°F - +104°F)
<b>Relative Humidity</b>	Operating: 10%~95%
<b>Certifications</b>	CE / FCC
<b>Optional OS Installation</b>	Windows® 7
	Windows® 8.1
	Linux

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