

# Brilliant 21



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

## Features

- Projected capacitive supports multiple touches
- Supports IP65 at front panel
- Sunlight readable TFT LCD (optional)
- Optional for panel and touch enhancement for industrial applications
- Supports 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)
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

10F-3, No.270, Sec.4,  
Chung Hsiao E., Rd.,  
Taipei, 10694, Taiwan

T +886 2 2751-7192  
E-mail: info@efco.com.tw

## EMEA

T +49-991-2009298-0  
E-mail: info@efcotec.com

## America

T +1-760-827-8600  
E-mail: sales-us@efcotec.com

**EFCO**  
EverFine Group

Note : All product specifications are subject to change without notice

Ver0.1

# Brilliant 21

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> )

## Headquarter

10F-3, No.270, Sec.4,  
Chung Hsiao E. Rd.,  
Taipei, 10694, Taiwan

T +886 2 2751-7192  
E-mail: info@efco.com.tw

## EMEA

T +49-991-2009298-0  
E-mail: info@efcotec.com

## America

T +1-760-827-8600  
E-mail: sales-us@efcotec.com

**EFCO**  
EverFine Group

Note : All product specifications are subject to change without notice

Ver0.1

# Brilliant 21

---

---

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

## Headquarter

10F-3, No. 270, Sec. 4,  
Chung Hsiao E. Rd.,  
Taipei, 10694, Taiwan

T +886 2 2751-7192  
E-mail: [info@efco.com.tw](mailto:info@efco.com.tw)

## EMEA

T +49-991-2009298-0  
E-mail: [info@efcotec.com](mailto:info@efcotec.com)

## America

T +1-760-827-8600  
E-mail: [sales-us@efcotec.com](mailto:sales-us@efcotec.com)



Note : All product specifications are subject to change without notice

Ver0.1

## 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.

[Contact us »](#)

### Headquarter

10F-3, No. 270, Sec. 4,  
Chung Hsiao E. Rd.,  
Taipei, 10694, Taiwan

T +886 2 2751-7192  
E-mail: [info@efco.com.tw](mailto:info@efco.com.tw)

### EMEA

T +49-991-2009298-0  
E-mail: [info@efcotec.com](mailto:info@efcotec.com)

### America

T +1-760-827-8600  
E-mail: [sales-us@efcotec.com](mailto:sales-us@efcotec.com)