

# VALTEC HPC FF

**Compact Slim Flexible**  
**21.5" truly-flat widescreen**  
**touch panel industrial PC**



## Feature

- 21.5 inch widescreen full HD display
- Truly-flat front bezel with IP65 compliance
- Silent and fan-less design
- Removable HDD tray for quick maintenance
- Intel Celeron J1900 processor, offer a compelling power to performance ratio
- Multiple mounting options (panel mount/VESA mount)
- Rich I/O: serial port/USB port/Dual Gigabit Ethernet/HDMI/VGA
- Wireless module (optional)

# Specification

<b>Model Name</b>	HPC FF 215W
<b>Main Board</b>	
<b>CPU</b>	Onboard Intel® Atom J1900 Quad core processor
<b>Memory</b>	2 x 204-pin so-DIMM socket up to 8GB DDR3 SDRAM
<b>Graphics</b>	Integrated Intel® Gen7 Intel Graphics DX 11*, OGL3.2 Supports max. resolution 1920 x 1200 Support dual display
<b>Network</b>	2 x Realtek RTL8111G-CG 10/100/1000 base-T fast Ethernet
<b>Audio</b>	Realtek ALC662 HD CODEC (w/audio amplifier)
<b>Operating Systems</b>	
<b>OS</b>	Windows 7 Embedded Standard (32bit/64bit) Windows 7 Pro for Embedded (32bit/64bit) Windows 8.1 Pro for Embedded (32bit/64bit) Windows 8.1 Industry for Embedded (32bit/64bit) Windows 10 Pro for Embedded (32bit/64bit)
<b>Indicator</b>	
<b>LED</b>	Power, HDD
<b>Display</b>	
<b>LCD</b>	21.5"
<b>Resolution</b>	1920 x 1080
<b>Brightness</b>	250nits (standard)
<b>Touch Screen</b>	Truly-flat 5-wire resistive touch screen (single touch) Truly- flat projected capacitive touch screen (multi touch)
<b>Physical dimensions</b>	
<b>Weight</b>	6.8 kg
<b>Dimension</b>	332 (H) x 540 (W) x 82.4 (D) mm
<b>Front Bezel</b>	Aluminum bezel / black
<b>Power Supply</b>	
<b>Power Supply</b>	DC-IN 12V (4-pin ATX power connector)
<b>Storage</b>	
<b>HDD</b>	1 x 2.5" SATA drive (7mm or 9.5mm)
<b>External I/O Ports</b>	
<b>USB Ports</b>	2 x USB 2.0 2 x USB 3.0
<b>Serial Ports</b>	3 x DB9 (support RS232/422/485)
<b>LAN</b>	2 x RJ-45
<b>PS/2</b>	2 x PS/2 (mouse and keyboard)
<b>Audio</b>	1 x line out, 1 x mic
<b>VGA</b>	1 x DB15
<b>HDMI</b>	1 x HDMI
<b>Environment</b>	
<b>EMC &amp; Safety</b>	CE, FCC, RoHS, IP65
<b>Temperature</b>	operating : 0° ~40°C ; storage : -20° ~60°C
<b>Humidity</b>	10% ~ 90%

