- 10.1-inch HD 1280x800 (16:10)
- Flat screen with 6H projected capacitive touch supports multi-touch function
- 9V-30V wide range DC power input
- Fanless cooling system with Intel® Celeron® J1900 quad core 2 GHz
- SDRAM DIMM pre-installed with 2GB DDR3L RAM (max capacity 8G)
- Built-in 802.11b/g/n wireless LAN
- Landscape and portrait screen modes support different applications
- Front panel is compliant with IP 65 protection standard
- iTechLCD One Key Recovery solution allows you to create rapid OS backup and recovery (suggested with over 4 GB storage capacity)

HD High Performance Interactive System

The IPCW1010PC has a 10.1-inch display with HD 1280 x 800 pixels and is pre-installed with a high-performance Celeron® J1900 CPU, which is a quad-core processor that comes with 2 GHz base clock. The SoC has 2.17 GHz maximum burst frequency, which pumps up its frequency to complete tasks faster suitable for industrial computing.

Specifications

Size	10.1"
Resolution	1280 x 800 (16:10)
Brightness (cd/m²)	350
Contrast Ratio	800:1
LCD Color	16.2M
Pixel Pitch (mm)	0.1695 (H)×0.1695 (V)
Viewing Angle (V/H)	170°/170°
Backlight MTBF (hrs)	15000 hrs
Touch Screen	Projected capacitive type
Touch Controller	EETI EXC7200
CPU	Intel® Celeron® J1900 quad core 2 GHz
RAM	One 204-pin 2 GB 1333MHz single-channel ,2GB DDR3L SDRAM pre-installed (system max. 8GB)
Ethernet	2 x PCIe GbE by RTL8111E controller
Audio Codec	ALC892
Storage	mSATA
Input/Output	1 x RS-232 COM port (RJ-45 connector) 1 x RS-232/422/485 COM port (DB-9 connector) (RI/5V/12V) 2 x USB 3.0 2 x USB 2.0 2 x RJ-45 for GbE LAN 1 x Power switch 1 x Audio port (line-out) 1 x Reset button 1 x AT/ATX switch 1 x 9-30V DC Lockable power jack
Audio	AMP 2W + 2W (internal speaker)
Camera and Microphone	2-megapixel with low light function, digital microphone

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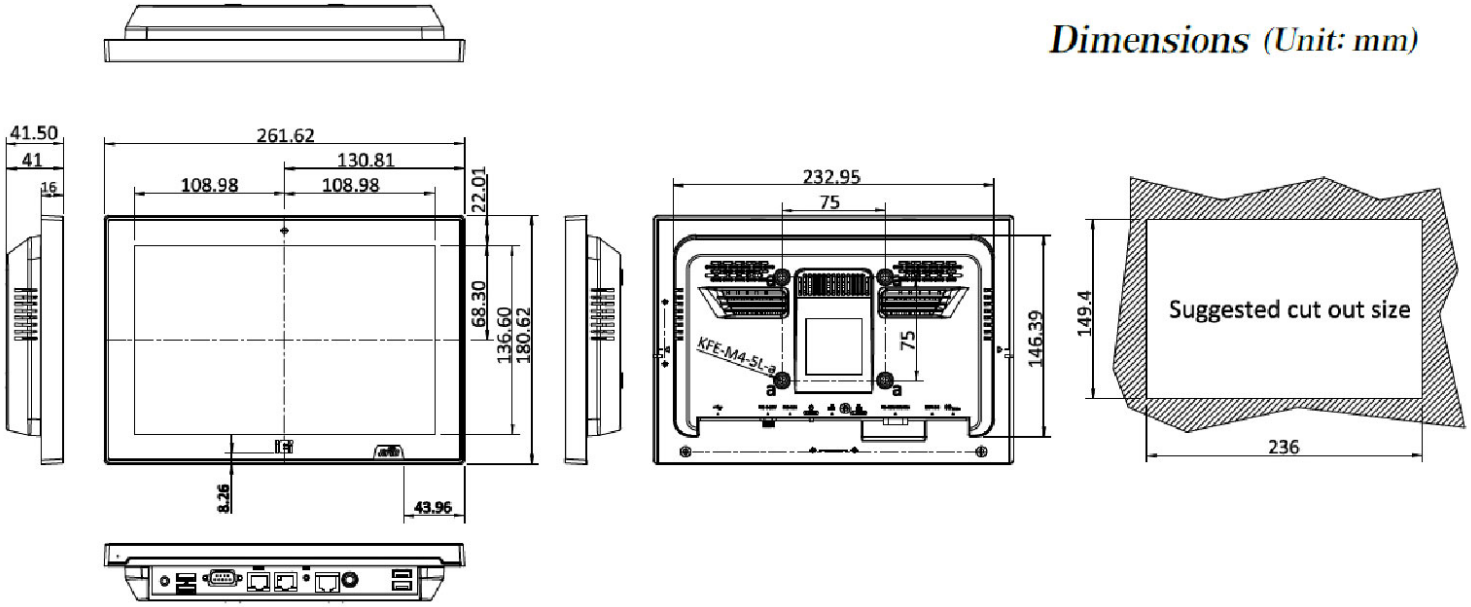
OSD Function	Software OSD
Thermal Solution	Fanless
Wireless	IEEE 802.11a/b/g/n/ac
Construction Front Panel	PC + ABS Plastic
Mounting	Panel, Wall, Stand, Arm VESA 75mm x 75mm
Color	Black C
Dimensions (WxHxD) (mm)	262 x 181 x 42
Cut out (WxH) (mm)	236 x 150
Operating Temperature (°C) (Ambient with air flow)	-10°C~50°C
Storage Temperature (°C)	-20°C~60°C
Humidity	10% to 95% (non-condensing)
IP Level	IP 64 compliant front panel
Safety&EMC	CE / FCC
Power Requirement	9 V ~ 30 V
Power Consumption	12V@2.3A (Intel® J1900 CPU with 2GB 1333 MHz DDR3L memory)

Dimensions (Unit: mm)