

# K778

## 18.5" Wide Screen Full IP66 Stainless Steel Panel PC



### Introduction

Flytech proudly presents the slim and compact Panel PC, K778. With state of the art design of true flat front panel, it prevents accumulation of debris, grease, liquid, etc. With full IP66 dust/water proofing and Stainless Steel 304L chassis provides anti-bacteria, anti-corrosion for various applications such as Food & Beverage, Pharmaceutical, Medical, Chemical, and Waste industries.

### Features

- ☑ Intel® Bay Trail J1900 Quad Core 2.0GHz processor (burst 2.41GHz)
- ☑ Full IP66 dust/water-proof
- ☑ Stainless steel 304L chassis
- ☑ True-flat projected capacitive touch front panel
- ☑ 18.5" TFT WXGA panel with LED backlight
- ☑ Operating temperature range of 0°C ~ 50°C
- ☑ Wide power input range of 12 ~ 48V DC
- ☑ Ultra slim and compact mechanical design
- ☑ Application of Food & Beverage, Pharmaceutical, Medical, Chemical and Waste Handling industry

### Specifications

LCD Display	Display Type	18.5" TFT LCD
	Max. Resolution	1366 x 768 (WXGA)
	Colors	16.7M
	Luminance	300 cd/m <sup>2</sup>
	Contrast Ratio	1000:1
	View Angle	85(right) / 85(left) / 80(up) / 80(down)
	Dot Size (mm)	0.300 x 0.300
	Support Color	16.7M
	Backlight Type	LED
	Backlight Lifetime	50,000 hrs
Touch Screen	Touch Type	Projected Capacitive
	Controller Interface	USB
	Surface Hardness	≥6H

## Specifications

Main System	CPU	Intel® Bay Trail J1900 Quad Core 2.0GHz (burst 2.41GHz)
	Memory	1 x 204-pin DDR3L SO-DIMM, max. 8GB
	Storage	2.5" SATA 320GB HDD x 1
		16GB pSSD x 1
	Graphic	Intel HD Graphic
	Expansion	1 x mini-PCIe
	Watchdog Timer	0 ~ 255 levels
	I/O Connector	USB 3.0 x 1 (Front, Water-proof)
		USB 2.0 x 2 in M12
RS-232 x 1 in M12		
RS-232/422/485 x 1 in M12		
Network	1 x 10/100/1000Mbps Ethernet in M12	
Power Supply	Input Voltage	12 ~ 48V DC in M12 connector
	Adapter	65W, Input 100 ~ 264Vac, 50/60Hz, Output 19Vdc
Mechanical	Dimension (WxHxD)	462 x 282.6 x 57.5/72.5(incl. M12 connector) mm
	Weight	7.5 ± 0.5 Kg
	Material	Stainless Steel 304L
	Mounting	VESA 75/100
OSD	Control Items	Brightness, Volume, serial port voltage
	Display	CPU temperature
OS	OS Support	Windows® 7(32/64-bit), Windows® 8(32/64-bit), WES 7(32/64-bit), WES 8(32/64-bit)
Environment	Operating Temperature	0°C ~ 50°C (still air)
	Storage Temperature	-20°C ~ 60°C
	Relative Humidity	10% ~ 95% @40°C, non-condensing
	Operating Vibration	2Grms random, 5~500Hz, with SSD (EN-60068-2-6)
	Operating Shock	20Grms random, 11ms, with SSD (EN-60068-2-27)
	Dust/Water Proof	Entire IP66
Certification	Safety	CE/FCC, Class A

## Ordering Information

Main Product	KK778D36S000	18.5" K778, Intel J1900 Quad Core 2.0GHz , 2GB DDR3, 16GB SSD
Accessory	XXXXXX(TBD)	65W Power Adapter, 19Vdc output, 100~264Vac input
	XXXXXX(TBD)	Water Proof Power Cable, 2m
	XXXXXX(TBD)	Water Proof USB Cable, 2m
	XXXXXX(TBD)	Water Proof COM port Cable, 2m
	XXXXXX(TBD)	Water Proof LAN Cable, 2m