# FLYTECH
## AUTOMATION
Build Smart Solutions for Tomorrow

# K738

IP66

Fanless

WiFi

RFID

## Features

- 18.5" True-Flat PCAP Touch
- Intel Bay Trail Processor
- Front IP66, Rear IP20
- Fanless and Silent
- Isolated DI/DO, RS232 & RS232/422/485 by Terminal Block with Strain Relief
- RFID/ WiFi + BT Available
- Front Key-Secured Lock for USB & Power Switch
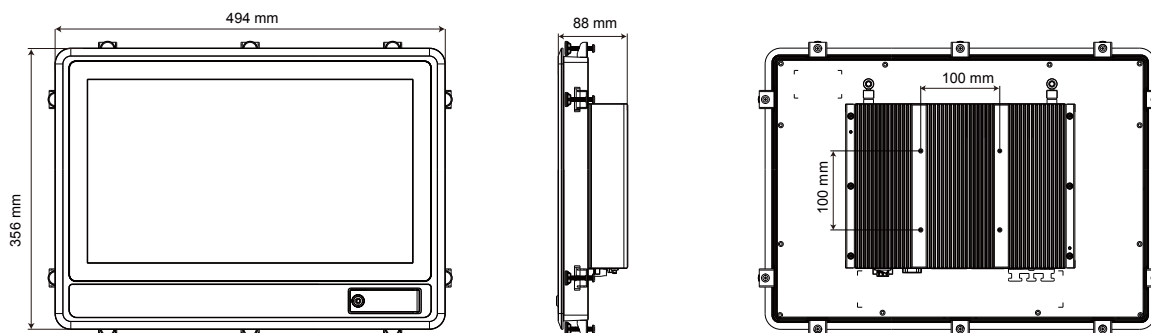- Best Panel Mount IPC Solution for Automation Application

As labor costs are increasingly growing, companies in the automation industry are looking to make their factories smarter through improving efficiency, lowering human labor, and continuing to guarantee high product quality. Flytech provides a wide range of industrial touch Panel PC products in different form factors, high brightness displays, and customizable high performance hardware configurations that are designed and certified to work under harsh environments and various automation applications.

# K738

Industrial Automation Touch Panel Mount PC

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494 mm | 88 mm | 100 mm

356 mm | | 100 mm

## Specification

| | | |
|---|---|---|
| **System** | Motherboard | D35 |
| | Processor | Intel Bay Trail CPU Celeron J1900 2.4GHz |
| | Chipset | CPU Integrated |
| | System Memory | 1x DDR3L 1066/1333MHz SO-DIMM up to 8GB |
| | Storage Device | 1x 2.5" SATA HDD or SSD or SSD module |
| | Graphic Engine | Intel HD Graphics |
| **LCD Touch Panel** | LCD Size | 18.5" (16:9 ratio) |
| | Brightness | 250 nits |
| | Resolution | 1366 x 768 |
| | Touch Screen | True-Flat PCAP Touch |
| **Expansion** | Mini PCI-E Slot | 2 (Full & Half-size) |
| **External I/O Ports** | USB | 1x USB2.0 Front, 4x USB2.0 Rear |
| | Serial Port | 2x RS232, 1x RS232/422/485 (Isolation, terminal block) |
| | LAN | 2x RJ45 |
| | Audio Jack | 1x Line-out, 1x Mic-in |
| | VGA | 1x DB15 |
| | DVI | 1x DVI-D |
| | GPIO | 4x DI/ 4x DO (Isolation, terminal block) |
| | Power Button | 1x Front, 1x Rear |
| **Power** | Wide Range Power Input | 12-48V |
| | Connector | 3-pole terminal block |
| **Peripheral (Option)** | WiFi + BT | 802.11 b/g/n WLAN card + BT 4.0 |
| | RFID | 1 |
| **Certificate** | EMC & Safety | FCC Class B, CE Mark |
| **Environment** | Ventilation | Fanless |
| | Dust & Water Proof | Front IP66, Rear IP20 |
| | Operating Temperature | 0°C ~ 50°C (32°F ~ 122°F) (Still Air) |
| | Storage Temperature | -20°C ~ 60°C (-4°F ~ 140°F) |
| | Humidity | 10% ~ 95% @40°C, non-condensing |
| | Operating Vibration | 5Grms random, 5 ~ 500Hz (1Grms with HDD) (EN 60068-2-6) |
| | Operating Shock | 20Grms random, 11ms (EN 60068-2-27) |
| **Dimensions (WxDxH)** | | 494 x 88 x 356 mm (19.4" x 3.5" x 14") |
| **Weight** | | 6.5 kg (14.3 lbs) |
| **Mounting** | | Panel Mount, VESA Mount 100 x 100 |
| **OS Supported** | | Windows 7 (32/64bit), Windows 8.1 (32/64bit), Windows 10 (32/64bit), Linux |