

K730/740 Series

Industrial Automation Panel Mount IPC

K730/K740 series are designed to provide greater user experience and powerful panel mount solution. The true flat IPx6 front panel, approved by SGS, reduces the possibility of debris accumulation and corrosion. For machine automation application, the user can access the system via secured USB interface at the front panel. On top of that, the RF signal antennas for Wifi, Blue-tooth, RFID, and NFC are also located at the front panel to avoid signal interference and safety. As well as the RS-232/422/485 and GPIO, all connectors are designed with strain relief, thus getting rid of any chance of cable losing. Therefore, K730/K740 series are your best panel mount IPC solution for automation application.

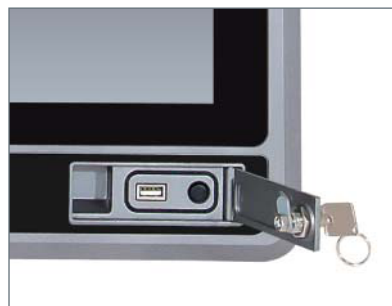
- K738 – 18.5”
- K746 – 12”, K747 – 15”



Features



True-flat P-CAP IP66 front panel



Front key-secured lock for USB & power switch



Isolated DI / DO, RS-232 & RS-232 / 422 / 485 by terminal block with strain relief



NFC / RFID / WiFi / BT antenna on front bezel

K730/K740 Series

Specification

Model Name	K738	K746	K747
Motherboard	D35		
CPU Supports	Intel Bay Trail J1900, Quad core 2G / 2.41G		
Chipset	Integrated in CPU (SOC)		
System Memory	DDR3L 1333MHz (max. 8GB)		
Memory Socket	1 x SO-DIMM		
Graphic Memory	Intel HD Graphic		
Display & Touch Panel			
LCD Size	18.5"	12.1"	15"
Brightness	250 cd/m ²	500 cd/m ²	450 cd/m ²
Maximal Resolution	1366 x 768	1024 x 768	
Touch Screen Type	True flat projected capacitive touch		
Storage Device			
HDD/SSD	1 x 2.5" SATA bay		
Flash Memory	1 x m-SATA 32GB		
Expansion			
Mini-PCIE Socket	2 (Full & Half Size)		
External I/O Ports			
USB 2.0	5 (1 x Front, 4 x Rear)		
Serial / COM	2 x RS-232 (2KV Isolated, terminal block) 1 x RS-232/422/485 (2KV Isolated, terminal block)		
LAN (10/100/1000)	2		
Audio Jack	1 x Mic-in, 1 x Line-out		
VGA	1		
DVI-D	1		
GPIO	4 x DI / 4 x DO (2KV Isolated, terminal block)		
Power Button	2 (1 x Front, 1 x Rear)		
Power			
Input Voltage	DC 12~48V		
Connector	3-pole terminal block		
Peripherals (option)			
WiFi	WiFi 802.11 b/g/n + BT 4.0		
RFID	1		
NFC	1		
Certificate			
EMC & Safety	FCC Class B / CE Mark		
Environment			
Ventilation	Fanless		
Operating Temperature	0 ~ 50°C (32 ~ 122°F) (Still Air)		
Storage Temperature	-20 ~ 60°C (-4 ~ 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)		
Dust & Water Proof	Front IP66 / Rear IP20		
Dimension (WxDxH)	493.8 x 88 x 355.8 mm	319.8 x 88 x 299.7 mm	393.2 x 88 x 351.6 mm
Weight	6.5Kg (14.3lbs)	4.8kg (10.6lbs)	5.8kg (12.8lbs)
Mounting	Panel, VESA 100		
OS Supported	Window 7 (32/64 bit) / Window 8.1 (32/64bit) / Linux		

Product specifications subject to change without prior notice.

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