K*780*Series

FLYTECH

8.4"/10.4"/12.1"/15"/17" Rugged and Low Power Consumption, Panel PC

K780, built around the low power consuming Intel Atom CPU, delivers exceptional performance while saving energy and lowering cost of ownership. Its sleek design fits into any retail environment, on the shelf, the counter or the wall, bringing customers extraordinary shopping experiences. Its abundant features such as touch screen, Giga LAN, optional WiFi, VESA mounting, and ultra lightweight aluminum housing make it an ideal solution for applications such as KVS, Ordering Kiosk, industrial automation, advertisement interactive Kiosk, and security controller.

- Powerful graphics performance
- Low power consumption
- Quiet operation
- High reliability and stability
- Compact and ultra slim
- Popular I/O ports
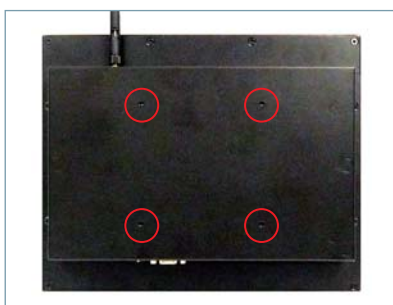- Rugged metal housing

Features

Compact and ultra slim design

Rich I/O ports to meet wide application demands

K784 / K785 / K786 -75 x 75mm VESA mount, K787 / K788 -100 x 100mm VESA mount

Finger Print, RFID, iButton

K780 Series
Rugged metal Panel PC adapts to different applications.

Specifications

Model Name	K784	K785	K786	K784	K785	K786	K787	K788
Motherboard	C46			C56			C48	
Processor	Intel Pineview D525 Dual Core 1.8G, L2 1M, 13W			Intel Cedarview D2550 Dual Core 1.86G, L2 1M, 10W			Intel Pineview D525 Dual Core 1.8G, L2 1M, 13W	
Chipset	CPU integrated graphic + ICH8M, 2.4W			CPU integrated graphic + NM10, 2W			CPU integrated graphic + ICH8M, 2.4W	
System Memory	1 x DDR3 SO-DIMM up to 4GB, 800MHz			1 x DDR3 SO-DIMM up to 4GB, 1066MHz			2 x DDR3 SO-DIMM up to 4GB, 800MHz	
Graphic Memory	Intel GMA 3150 Shared System Memory up to 256MB, DX9			Intel GMA 3650 (Gfx frequency up to 640MHz), DX9			Intel GMA 3150 shared system memory up to 256MB	
LCD Touch Panel								
LCD Size	8.4" TFT LCD	10.4" TFT LCD	12.1" TFT LCD	8.4" TFT LCD	10.4" TFT LCD	12.1" TFT LCD	15" TFT LCD	17" TFT LCD
Brightness	230 cd/m²	300 cd/m²	500 cd/m² up	230 cd/m²	300 cd/m²	500 cd/m² up	250 cd/m²	250 cd/m²
Resolution	800x600	800x600	800x600 / 1024x768	800x600	800x600	800x600 / 1024x768	1024x768	1280x1024
Touch Screen	Resistive			Resistive			Resistive / SAW (option)	
Storage Device								
Hard Drive	1 x 2.5" slim HDD bay (SATA)			1 x 2.5" slim HDD bay (SATA)			1 x 2.5" slim HDD bay (SATA)	
Flash Memory	SATA SSD Flash memory card 8G/16G/32G/64G (option)			SATA SSD Flash memory card 8G/16G/32G/64G (option)			SATA SSD Flash memory card 8G/16G/32G/64G (option)	
Expansion								
miniPCI-E Socket	1			1			1	
Rear I/O								
USB 2.0	4			4			4	
Serial Port	4 x RJ45 COM ports (COM1/2 standard RS232; COM3/4 powered RS232; COM3 default 5V / COM4 default 12V by BIOS setting)			4 x RJ45 COM ports (COM1 standard RS232; COM2/3/4 powered RS232; COM2 default 0V; COM3 default 5V; COM4 default 12V by BIOS setting)			4 x RJ45 COM ports (COM1/2 standard RS232; COM3/4 powered RS232; COM3 default 5V / COM4 default 12V by BIOS setting)	
Parallel Port	NA			NA			1	
GigaLAN (10/100/1000)	1 (RJ45)			1 (RJ45)			1 (RJ45)	
VGA	1 (DB-15 Female)			1 (DB-15 Female)			1 (DB-15 Female)	
Cash Drawer	1 (RJ11)			1 (RJ11)			1 (RJ11)	
Audio Mic-in	NA	1	1	NA	1	1	1	
Audio Line-out	NA	1	1	NA	1	1	1	
DC Jack	1			1			1	
Power button	1			1			1	
Audio								
Speaker	2 X 2W Speaker			2 X 2W Speaker			2 X 2W Speaker	
Peripheral (option)								
MSR	Standard integrated 3 Track MSR (USB)			Standard integrated 3 Track MSR (USB)			Standard integrated 3 Track MSR (PS2)	
Customer Display	NA			NA			Flush mount VFD display 2 x 20 characters (COM)	
Finger Print	Optical Finger Printer Reader (USB, option)			Optical Finger Printer Reader (USB, option)			NA	
RFID	RFID reader (USB, option)			RFID reader (USB, option)			NA	
iButton	Dollars Key iButton Reader (COM, option)			Dollars Key iButton Reader (COM, option)			NA	
Power	65W/19V			65W/19V			90W/19V	
Certificate								
EMC & Safety	FCC Class A / CE Mark / LVD			FCC Class A / CE Mark / LVD			FCC Class A / CE Mark / LVD	
Environment								
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)			0°C ~ 35°C (32°F ~ 95°F)			5°C ~ 35°C (41°F ~ 95°F)	
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)			-20°C ~ 60°C (-4°F ~ 140°F)			-20°C ~ 55°C (-4°F ~ 140°F)	
Humidity	20% ~ 85% RH non-condensing			20% ~ 85% RH non-condensing			20% ~ 85% RH non-condensing	
Communication								
Wireless LAN	mini PCI-E wireless LAN card 801.11 b/g/n			mini PCI-E wireless LAN card 801.11 b/g/n			mini PCI-E wireless LAN card 801.11 b/g/n	
Dimension (WxDxH)	230 x 50 x 188 mm	279 x 50 x 227 mm	323 x 55 x 262 mm	230 x 50 x 188 mm	279 x 50 x 227 mm	323 x 55 x 262 mm	386 x 60 x 308 mm	411 x 60 x 345 mm
Weight	1.34kg (3lbs)	1.7kg (3.7lbs)	2.5kg (5.5lbs)	1.34kg (3lbs)	1.7kg (3.7lbs)	2.5kg (5.5lbs)	5.8kg (12.8lbs)	7.6kg (16.7lbs)
Mounting	75 x 75 mm VESA Standard holes			75 x 75 mm VESA Standard holes			100 x 100 mm VESA Standard holes	
OS Supported	Windows XP Professional, POSReady 2009, Windows XPE, Windows XP Professional for Embedded, Windows CE, Windows 7, Linux			Windows XP, POS Ready 2009, XP Embedded, XP professional for Embedded, Linux, Windows 7 (32bit), POSReady 7(32bit)			Windows XP Professional, Windows Embedded POSReady 2009, Windows XP Embedded, Windows XP Professional for Embedded, WinCE, Windows 2000 Professional for Embedded, Windows 7, Linux	

Product specifications are subject to change without prior notice.

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