K750 Series

FLYTECH

*K*750 *series* is an advanced wide-screen fanless Panel PC that utilizes state-of- the- art Intel Pineview with ATOM D525 CPU or Intel Sandy Bridge, celeron and core I CPUs. The distinct ultra slim metal enclosure with piano finish gives the system an elegant yet modern look. K750 series comes in black and white colors in various display sizes—10.1", 15.6", 18.5" and 21.5". The series also features a bright LED panel and optional True Flat Resistive Gesture Touch or True Flat Projected Capacitive Multi-Touch. Its dust and water proof displays surpass commercial and industrial requirements and make them perfect for various applications.

For fitting into different applications, K750 series offers numerous accessories that allow business owner to dovetail their solution for all kinds of demand. K750 series is the best choice for retail interactive kiosk, digital signage, e-home, healthcare, gaming and other applications.

Features

48mm

Ultra slim, 48 mm thickness

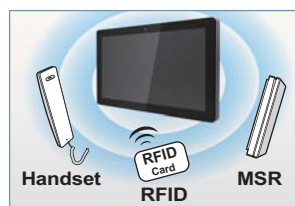**Rich I/O ports provide excellent peripheral connectivity**

Three-Piece metal housing and IP65 dust & water proof display front

21.5"

10.1"

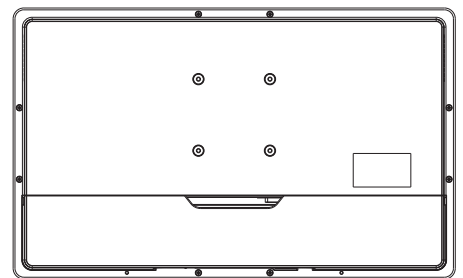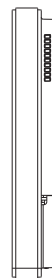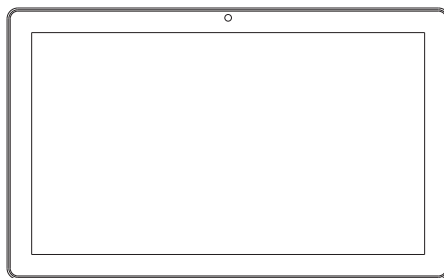**Full range of display sizes --10.1", 15.6", 18.5" and 21.5"**

True Flat Resistive Gesture Touch / True Flat Projected Capacitive Multi-Touch

Handset   RFID Card   MSR
RFID

Optional accessory includes MSR, Smart Card Reader, RFID, Scanner, Handset

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Specification

Model Name	K750		
Motherboard	**C56**	**C54**	**C68**
Processor	Intel Cedarview D2550 Dual Core 1.86G, L2 1M, 10W	Intel Cedarview D2550 Dual Core 1.86G, L2 1M, 10W	Intel Sandy Bridge CPU, LGA 1155-pin, 32nm i5-2390T 2.7G, LLC 6M, 35W i3-2120T 2.6G, LLC 3M, 35W Pentium G630T 2.3G, LLC 3M, 35W
Chipset	CPU integrated graphic + NM10, 2W	CPU integrated graphic + NM10, 2W	Intel Q67 PCH, 6.1W (AMT/RAID enabled) Intel H61 PCH, 6.1W (AMT/RAID disabled)
System Memory	1 x DDR3 SO-DIMM up to 4GB, 1066MHz	2 x DDR3 SO- DIMM socket up to 4GB, FSB 1066 MHz	1 x DDR3 Long-DIMM up to 8GB, 1066/1333MHz
Graphic Memory	Intel GMA 3650 (Gfx frequency up to 640MHz), DX9	Intel GMA 3650 (Gfx frequency up to 640MHz), DX9	Intel HD Graphics 2000/3000, integrated in CPU, frequency 850MHz (dynamic up to 1.1GHz)
LCD Touch Panel			
LCD Size	K755 (10.1" LED LCD)	K757 (15.6" LED LCD), K758 (18.5" LED LCD), K759 (21.5" LED LCD)	
Brightness	K755 (200 cd/m²)	K757 (220 cd/m²), K758/K759 (250 cd/m²)	
Resolution	K755 (1024x600)	K757/K758 (1366x768), K759 (1920x1080)	
Touch Screen	K755 (True flat resistive touch)	K757/K758 (True flat resistive touch / True flat projected capacitive touch), K759 (True flat projected capacitive touch)	
Storage Device			
Hard Drive	one 2.5" slim SATA HDD bay		
Flash Memory	SATA pSSD (Option)		
Expansion			
miniPCI-E Socket	1		
External I/O Ports			
USB 2.0	4 x USB Type A (2 with special cables)	4 x USB Type A	
Serial Port	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	N/A	N/A	1 x D-sub 25F
GigaLAN (10/100/1000)	1 (RJ45)		
2nd GigaLAN (10/100/1000)	N/A	1 (RJ45)	
Cash Drawer	1 (RJ11)	N/A	1 (RJ11)
Audio Jack	N/A	1 x Mic-in, 1 x Line-out	
DC Jack (Power input voltage)	1 (19V)	1 (8V ~ 36V)	1 (19V)
2nd VGA	1 (with optional special cable)	1 (DB15 Female)	
E-SATA	N/A	1 (Option)	
PS/2	N/A	1 (Keyboard)	N/A
Thermal solution			
Thermal solution	Fanless		K757 (1 x Fan), K758/K759 (2 x Fan)
Audio			
Internal Speaker	2 x 2W speakers		
Power			
Power Supply	65W/19V	K757/K758 (65W/19V), K759 (90W/19V)	120W/19V
Control			
Power Button	1		
Peripherals (option)			
Web cam (Build in)	2M web cam		
WiFi	802.11 b/g/n WLAN card		
MSR-right side	3 tracks (USB)		
Device Box	Smart IC card Reader / Scanner / Function Keypad / Line Out / Mic In		
Certificate			
EMC & Safety	FCC Class A / CE Mark / LVD / EN 60601-1-2		
Environment			
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)		
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)		
Humidity	20% ~ 85% RH non-condensing		
Dust & Water Proof	IP65 (front)		
Dimension (WxDxH)	K755: 263 x 38 x 170mm (10.4" x 1.5" x 6.7"), K757: 396 x 48 x 245mm (15.6" x 1.9" x 9.6"), K758: 464 x 48 x 284mm (18.3" x 1.9" x 11.2"), K759: 536 x 48 x 328mm (21.1" x 1.9" x 13")		
Weight	K755: 1.5kg (3.3lbs), K757: 4.5kg (9.9lbs), K758: 6.8kg (15lbs), K759: 8kg (17.6lbs)		
Mounting	75 x 75 mm Standard VESA / Panel Mount		
OS Supported	Windows XP, POS Ready 2009, XP Embedded, XP professional for Embedded, Linux, Windows 7 (32bit), POSReady 7(32bit)	Windows XP, POS Ready 2009, XP Embedded, XP professional for Embedded, Linux, Windows 7 (32bit), POSReady 7 (32bit)	Windows XP, POS Ready 2009, XP Embedded, XP professional for Embedded, Linux, Windows 7, POSReady 7

Product specifications subject to change without prior notice.

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