# 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

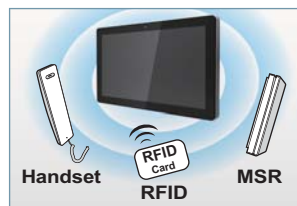Rich I/O ports provide excellent peripheral connectivity

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

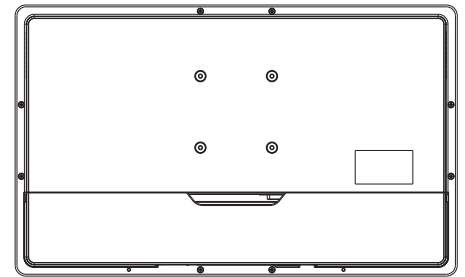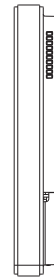**21.5"**
**10.1"**

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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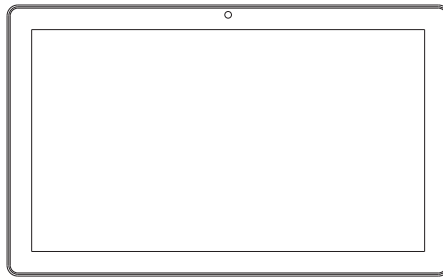


## Specification

| 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<br>i5-2390T 2.7G, LLC 6M, 35W<br>i3-2120T 2.6G, LLC 3M, 35W<br>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)<br>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), K579 (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/K759 (True flat resistive touch / 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 | 1 | | |
| 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.

1303 - K750b

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