

K790 Series

12.1"/15"/17"/19" Metal Panel PC

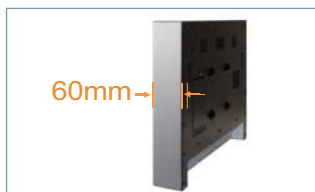
K790 series is an advanced metal Panel PC. Its ultra slim and exquisite metal enclosure catches most eye contacts. K790 series includes four different display sizes, 15", 17" and 19" while equipped with high brightness TFT panel and resistive / SAW / IR touch. NEMA 4 / IP 65 dust and water proof display front meets industrial application requirements.

Beside standard model, K790 series also derivate multiple different cabinet designs such as whole color painted sheet metal housing, complete stainless steel cabinet and panel mount model. Fanless and ventless or vandal proof design are also provided. For fitting different applications, K790 series designs with desktop stand, MSR, laser scanner and camera kits.

K790 series comprehensive product line is the best choice for digital signage, kiosk, e-home, KVS, healthcare, industrial automation, transportation, gaming and other applications.



Features



1. Ultra slim, 60 mm thickness.



4. Rich I/O ports provide excellent peripheral connectivity.



2. Rugged metal housing and NEMA 4 / IP 65 dust & water proof display front.



5. Accessories: MSR, External web cam kit



3. Intel mobile technology supports multiple processors from Fanless ULV CPU to high performance Celerm M, Core 2 Duo.



6. Slim HDD bay design for easy service.

K790 Series

Specification

Model Name	K790	
Motherboard	C54	C68
Processor	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	Intel Q67 PCH, 6.1W (AMT/RAID enabled) Intel H61 PCH, 6.1W (AMT/RAID disabled)
System Memory	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 HD Graphics 2000/3000, integrated in CPU, frequency 850MHz (dynamic up to 1.1GHz)
LCD / Touch Panel		
LCD Size	K795 (15" TFT LCD), K797 (17" TFT LCD), K799 (19" TFT LCD)	
Brightness	K795 (300 cd/m ²), K797 (250 cd/m ²), K799 (350 cd/m ²)	
Resolution	K795 (1024x768), K797/K799 (1280x1024)	
Touch Screen	K795 (Resistive touch), K797/K799 (Resistive touch / IR touch)	
Storage Device		
Hard Drive	one 2.5" SATA HDD bay	
Expansion		
miniPCI-E Socket	1	
External I/O Ports		
USB 2.0	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 RS232/422/485; COM3/4 powered RS232; COM3 default 5V / COM4 default 12V by BIOS setting)
Parallel Port	N/A	1 x D-sub 25F
GigaLAN (10/100/1000)	2 (RJ45)	2 (RJ45) (Q67), 1 (RJ45) (H61)
Cash Drawer	N/A	1 (RJ11)
DC Jack	1	
Audio Jack	1 x Mic-in, 1 x Line-out	
2nd VGA	1 (DB15 Female); K795/K797/K799	
PS/2	1 (Keyboard)	N/A
Thermal Solution		
Thermal Solution	Fanless	Fan
Audio		
Internal Speaker	K795/K797/799: 2 x 3W Speakers	
Power		
Power Supply	65W/19V (K795/K797), 90W/19V (K799)	90W/19V (K795/K797/K799)
Wide Range Power	8V ~36V	N/A
Control		
Power Button	1	
Certificate		
EMC & Safety	FCC Class A / CE Mark / LVD	
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	NEMA 4 / IP65 (front)	
Dimension (WxDxH)	K795: 386 x 60 x 308 mm (15.2" x 2.4" x 12.1") K797: 411 x 60 x 345 mm (16.2" x 2.4" x 13.6") K799: 449 x 60 x 374 mm (17.7" x 2.4" x 14.7")	
Weight	K795: 5.8kg (12.8lbs) K797: 7.6kg (16.7lbs) K799: 9kg (19.8lbs)	
Mounting	100 x 100 mm Standard VESA	
OS Support	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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