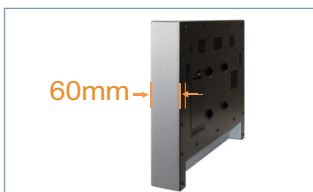# K790 Series

12"/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, 12", 15", 17" and 19" 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.
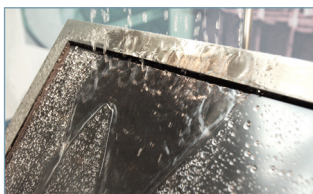
Features
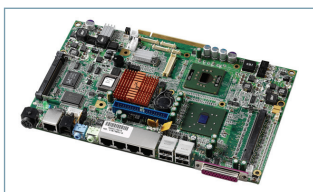
1. Ultra slim, 60 mm thickness.

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

3. Intel mobile technology supports multiple processors from Fanless ULV CPU to high performance Pentium M, core 2 dual.

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

5. 12", 15",17" & 19" wide range display size.

6. Slim HDD bay design for easy service.

K790 Series

Specification

Model Name	K792	K795	K797	K799
Motherboard	B78		B98	
CPU Supports	Intel Celeron M 1.3 / 1.5GHz; Pentium M 1.8GHz		Core Duo 2.0G / Core 2 Duo 2.16G	
Chipset	Intel 852GM and ICH4 FSB 400Mhz		Intel 945GME+ ICH7M	
System Memory	2 x DDR SO-DIMM slot, up to 2 GB		2 x DDRII SO-DIMM slot, up to 4 GB	
Graphic Memory	Share system memory max 64MB		Share system memory max 224MB	
LCD / Touch Panel				
LCD Size	12" TFT LCD	15" TFT LCD	17" TFT LCD	19" TFT LCD
Brightness	370nits	350nits	300nits	300nits
Maximal Resolution	800 x 600	1024 x 768	1280 x 1024	
Touch Screen Type	Resistive touch	Resistive type / SAW touch / IR Touch		
Storage				
HDD	2.5" Slim HDD bay			
Flash Memory	Optional Compact Flash memory (without HDD)			
Expansion				
mini-PCI Slot	1 x support 802.11 a/b/g WLAN card			
PCI express	1 for B98 main board only			
External I/O Ports				
USB 2.0	4 x USB Type A			
Serial / COM	RJ-45 (COM1 standard RS-232; COM2 RS-232 / 422 / 485 selectable by jumper; COM3 & COM4 pin 9 with 5V or 12V power by jumper)			
Parallel	1 x D-sub 25F			
LAN (10 / 100)	1 x RJ-45			
Cash Drawer	1 x RJ-11 (12V or 24V)			
DC Jack	1 x Latch Type			
Audio Jack	1 x MIC-in, 1 x Speak-out			
2nd VGA	1 x DB 15F			
Internal Interface				
USB 2.0	2			
Audio				
Speaker	1 x 3W Speaker	2 x 3W Speakers		
Power				
Power Adapter	DC 19V / 90W			
Environment				
EMC & Safety	FCC Class A, CE, LVD			
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)			
Storage Temperature	-20° ~ 60°C (-4°F ~ 140°F)			
Operating Humidity	5% - 95% RH non-condensing			
Storage Humidity	5% - 95% RH non-condensing			
Dust & Water Proof	NEMA 4 / IP 65 (front)			
Dimension (W x D x H)	331 x 265 x 55 mm 13" x 10.5" x 2.2"	386 x 308 x 60 mm 15.2"x 12.1"x 2.4"	411 x 345 x 60 mm 16.2" x 13.6" x 2.4"	449 x 374 x 60 mm 17.7" x 14.7" x 2.4"
Weight	N.W. 4.7kgs / 10.4 lbs	N.W. 5.8 kgs / 12.8 lbs	N.W. 7.6 kgs / 16.7 lbs	N.W. 9 kgs / 19.8 lbs
Mounting	100mm x 100mm Standard VESA / Panel Mount			
OS Support	Windows XP, WEPOS, XP Embedded, XP professional for Embedded, WIN 2000 professional Embedded, Linux			

Product specification subject to change without prior notice.

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