

## Panel PCs

Size	Description	Manufacturer	Resolution	CPU	Touchscreen	Storage System	Drive	Dimension (WxHxD) / mm	Power Supply	operating temp. (°C)	I/O	Expansion
6.5"	PPC-L61T	Advantech	640x480		resistive	CF Type I/II HDD 2.5" IDE opt.		202x148x49	12VDC ~ 30VDC	0 ~ 50	1xSATA, 1xRS-232, 1xRS-232/244/485, 4xUSB 2.0, VGA	Mini-PCI
10,4"	PPC-L106T	Advantech	800x600	AMD Geode LX800	resistive	CF Type I/II HDD 2.5" IDE		342x265x92,4	100VAC ~ 240VAC	0 ~ +45	1x10/100, 1xPS/2, 2xUSB 2.0, 3xRS-232, 1xRS-232/244/485, 1xparallel, VGA	PCI/ISA Mini-PCI
12"	PPC-125T	Advantech	TBD	Intel Core 2 Duo	Resistive, capacitive	TBD	TBD	TBD	TBD	TBD	TBD	TBD
12"	IPC12	Rotec	800x600	Intel Celeron 600MHz/1.0GHz Intel Pentium M 1.4GHz	Resistive	CF Type I/II HDD 2.5" IDE		302x260x65	8-28VDC	0 ~ +50	2x10/100, 1xPS/2, 3xUSB 2.0, 1xRS-232	PCMCIA, Mini-PCI
12,1"	PPC-L127T	Advantech	800x600	Intel Celeron ULV 1.0 GHz	resistive	CF Type I/II HDD 2.5" IDE	DVD/CD (optional)	340,5x269,3x70,5	18VDC ~ 25VDC (Smart battery support)	0 ~ +50	1x10/100, 1xPS/2, 4xUSB, 4x COM, 8-bit GPIO, speaker, 1xparallel, VGA	PCI/ISA Mini-PCI
12,1"	PPC-S154	Advantech	1024x68	Mobile Intel Pentium 4 up to 2.2 GHz	resistive	CF Type I/II HDD 2.5" IDE	CD (default) FDD	375x299x49	24VDC	0 ~ +45	1x10/100, 1xPS/2, 2xUSB, 1xRS-232, 1xRS-232/244/485, 1xparallel	PCI/ISA
15"	PPC-154	Advantech	1027x768	Intel Pentium IV up to 3,06GHz	Resistive, capacitive, I/R, SAW	HDD 2.5" IDE	CD (default) 2x PCMCIA Type II FDD, Cardreader	420x323,3x1305	100VAC ~ 240VAC	0 ~ +45	1x10/100, 1xPS/2, 4xUSB 2.0, 3xRS-232, 1xRS-232/244/485, 1xparallel, 2xIEEE-1394, S-Video	PCI Mini-PCI
15"	PPC-L156T	Advantech	1024x768	Intel Celeron M 1.0GHz Intel Pentium M 1.1GHz	Resistive, capacitive, I/R	HDD 2.5" IDE	DVD/CD (optional) 2x PCMCIA Type II	415x333x76,5	100VAC ~ 240VAC 18VDC ~ 25VDC	0 ~ +45	1x10/100, 1xPS/2, 4xUSB 2.0, 2xRS-232, 1xRS-232/244/485, 1xparallel, VGA	PCI Mini-PCI
15"	PPC-S155T	Advantech	1024x768	Intel Celeron LV 1.5 GHz Intel Pentium M LV 2.0GHz	Resistive, capacitive	CF Type I/II HDD 2.5" IDE	DVD/CD (optional) FDD (optional)	375x299x49	100VAC ~ 240VAC	0 ~ +45	1xGbit LAN, 1xPS/2, 4xUSB 2.0, 2xRS-232, VGA	Mini-PCI
15"	PPC-155T	Advantech	1024x768	Intel Celeron LV 1.5 GHz Intel Pentium M LV 1.8GHz	Resistive, capacitive, SAW	CF Type I/II HDD 2.5" IDE	DVD/CD (optional) FDD (optional) 1x PCMCIA Type II	396,5x317,6x102,5	100VAC ~ 240VAC	0 ~ +45	2x10/100, 1xPS/2, 4xUSB 2.0, 2xRS-232, 1xRS-232/244/485, 2xIEEE-1394	PCI Mini-PCI
15"	IPC15	Rotec	1024x768	Intel Celeron 600MHz/1.0GHz Intel Pentium M 1.4GHz	Resistive	CF Type I/II HDD 2.5" IDE		380x337x66	8-28VDC	0 ~ +50	2x10/100, 1xPS/2, 3xUSB 2.0, 1xRS-232	PCMCIA, Mini-PCI
15"	PPC15	Rotec	1024x768	Bis zu Intel Core 2 Duos 2.33GHz	Resistive	CF Type I/II HDD 2.5" IDE		380x337x80	90VAC ~ 240VAC	0 ~ +50	3x10/100/1000, 1xPS/2, 4xUSB, 1xRS232, 1xIEEE-1394	MiniPCI- express
17"	PPC-174T	Advantech	1280x1024	Intel Pentium IV up to 3,06GHz	Resistive, capacitive, I/R, SAW	HDD 3.5" IDE	CD (default) DVD (optional) 2x PCMCIA Type II FDD, Cardreader	446x382x127	100VAC ~ 240VAC	0 ~ +45	1x10/100, 1xPS/2, 4xUSB 2.0, 2xRS-232, 1xRS-232/244/485, S-Video	2xPCI Mini-PCI
17"	PPC-175T	Advantech	1280x1024	Intel Celeron LV 1.5 GHz Intel Pentium M LV 1.8GHz	Resistive, capacitive, I/R, SAW, proj. cap.	HDD 2.5" IDE	DVD/CD (optional) FDD (optional) 1x PCMCIA Type II	442x365x111,5	100VAC ~ 250VAC	0 ~ +45	2x10/100, 1xPS/2, 4xUSB 2.0, 2xRS-232, 1xRS-232/244/485, 2xIEEE-1394	PCI Mini-PCI

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## EMBEDDED BOX PCs

Description	Manufacturer	CPU	Chipset	Display Interface	Storage System	Power Supply	Dimension (WxHxD) / mm	operating temp. (°C)	I/O	Expansion
ARK-1310	Advantech	EVA-X4150 150 MHz	SoC	VGA	CF Type I/II	9VDC ~ 35VDC, ATX	189x41x136,5	Ind. CF: 0 ~ +60	2x 10/100, 2xUSB 2.0, 4xRS232/422/485, 8xDIO	
ARK-1370	Advantech	AMD Geode LX800	AMD Geode CS5536 companion	VGA, 24bit LVDS, TVout	CF Type I/II	9VDC ~ 35VDC, ATX	189x41x136,5	Ind. CF: -40 ~ +70	1x 10/100, 1xPS/2, 4xUSB 2.0, 2xRS-232/244/485, Audio AC97	PC Card (PCM-CIA/ Card Bus)
ARK-1380	Advantech	Intel Celeron ULV 1.0 GHz	Intel 852GM + ICH4	VGA, 36bit LVDS	CF Type I/II	9VDC ~ 35VDC, ATX	189x41x136,5	Ind. CF: -40 ~ +70	1x10/100, 1xPS/2, 4xUSB 2.0, 2xRS-232/244/485, Audio AC97	PC Card (PCM-CIA/ Card Bus)
ARK-1382	Advantech	Intel Celeron M ULV 423 1.06 GHz	Intel 945GM	2x DVI-I independent	CF Type I/II	9VDC ~ 35VDC, ATX	189x41x130,6	Ind. CF: 0 ~ +60	Ext. SATA, 1x10/100, WLAN, 4xUSB 2.0, 2xRS-232/244/485, Audio	
ARK-1388	Advantech	Intel Core 2 Duo ULV 1.06 GHz Celeron M 1.06 GHz	Intel 945GM	VGA, 36bit LVDS	CF Type I/II	9VDC ~ 35VDC, ATX	189x64x131	Ind. CF: 0 ~ +60	1x10/100, WLAN, GPS, GPRS, EDGD, HSDPA, 4xUSB 2.0, 1xRS232, 3xRS-232/244/485, Audio	
ARK-3202	Advantech	Intel Atom N270	Intel 945GSE	TBD	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	TBD	Ind. CF: 0 ~ +60	Ext. SATA, 2x10/100/1000, 6xUSB 2.0, 4xRS-232, Audio	
ARK-3210	Advantech	Intel Core 2 Duo 1.66 GHz	Intel 945GM + ICH7M	DVI-I	CF Type I/II HDD 2.5" IDE	9VDC ~ 34VDC, ATX	TBD	Ind. CF: 0 ~ +60	Ext. SATA, 2x10/100/1000, 6xUSB 2.0, 4xRS-232, Audio	
ARK-3389	Advantech	Intel Celeron ULV 1.0 GHz Intel Pentium M LV 1.4GHz	Intel 852GM or Intel 855GME + ICH4	VGA, 36bit LVDS	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	1x10/100, 1xPS/2, 1xUSB 2.0, 1xRS-232, 1xRS-232/244/485	MIO Module
ARK-3384	Advantech	Intel Celeron ULV 1.0 GHz Intel Pentium M LV 1.4GHz	Intel 852GM or Intel 855GME + ICH4	VGA, 36bit LVDS	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	1x10/100, 1x802.11b/g, 1xPS/2, 3xUSB 2.0, 1xRS-232, 1xRS-232/244/485, AC97	
ARK-3383	Advantech	Intel Celeron ULV 1.0 GHz Intel Pentium M LV 1.4GHz	Intel 852GM or Intel 855GME + ICH4	VGA, 36bit LVDS	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	2x10/100, 1xPS/2, 7xUSB 2.0, 1xRS-232, 3xRS-232/244/485, AC97	
ARK-3382	Advantech	Intel Celeron ULV 1.0 GHz Intel Pentium M LV 1.4GHz	Intel 852GM or Intel 855GME + ICH4	VGA, 36bit LVDS	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	4x10/100, 1xPS/2, 1xUSB 2.0, 1xRS-232, 1xRS-232/244/485	
ARK-3381	Advantech	Intel Celeron ULV 1.0 GHz Intel Pentium M LV 1.4GHz	Intel 852GM or Intel 855GME + ICH4	VGA, 36bit LVDS	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	1x10/100, 1xPS/2, 1xUSB 2.0, 2xRS-232, 5xRS-232/244/485, 2xparallel	
ARK-3380	Advantech	Intel Celeron ULV 1.0 GHz Intel Pentium M LV 1.4GHz	Intel 852GM or Intel 855GME + ICH4	VGA, 36bit LVDS, DVI, S-Video, Comp. Video	CF Type I/II HDD 2.5" IDE	12VDC ~ 24VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	1x10/100, 1xPS/2, 1xUSB 2.0, 1xRS-232, 1xRS-232/244/485, AC97	
ARK-3390	Advantech	Intel Core Duo 1.06/1.66 GHz Core 2 Duo 1.06	Intel 945GM + ICH7-M	VGA, DVI, LVDS	CF Type I/II HDD 2.5" IDE	9VDC ~ 34VDC, ATX	264,5x69,2x137,25	Ind. CF: -0 ~ +55	2x10/100/1000, 6xUSB 2.0, 6xRS-232, Audio	miniPCI
ARK-3399	Advantech	Intel Celeron M 1.06GHz, Intel Core 2 Duo ULV 1.06GHz, Intel Core Duo LV 1.66GHz	Intel 945GM + ICH7-M	VGA, 2x24bit LVDS	CF Type I/II HDD 2.5" SATA	9VDC ~ 35VDC, ATX	264,5x69,2x137,25	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	1xRS-232, 1xRS-232/244/485, 5xUSB 2.0, 1xPS/2, 1xGbit LAN, Sound	
ARK-3400	Advantech	Intel Celeron M 600MHz / 1.5 GHz	910GML + ICH6M	DVI-D	CF Type I/II HDD 2.5" SATA	12VDC ~ 24VDC, ATX	TBD	TBD	2x10/100/1000, 6xUSB 2.0, 4xRS-232, Audio	2 x PCI
ARK-3420	Advantech	Intel Core 2 Duo 1.6 GHz Celeron 2 GHz	Intel GM 965 + ICH8M	DVI-D	CF Type I/II HDD 2.5" SATA	9VDC ~ 34VDC, ATX	TBD	TBD	2x10/100/1000, 6xUSB 2.0, 4xRS-232, Audio	2 x PCIe
ARK-4153	Advantech	AMD Geode LX800	AMD Geode CS5536 companion	VGA	onboardFlash 128MB/1GB	100VAC ~ 240VAC, AT	164x170x49,2	-40 ~ +75	1x10/100, 1xPS/2, 6xUSB 2.0, 2xRS-232	PC/104+
ARK-4180	Advantech	Intel Celeron ULV 600MHz, Intel Pentium M ULV 1.0GHz	Intel 855GME + ICH4	VGA	CF Type I	100VAC ~ 240VAC, AT	164x170x49,2	Ind. CF: -40 ~ +75	2x10/100, 1xPS/2, 4xUSB 2.0, 3xRS-232, 1xRS-485, parallel	PC/104
ARK-5280	Advantech	Intel Celeron LV 1.5 GHz Intel Pentium M LV 1.8GHz	Intel 855GME + ICH4	VGA, DVI	CF Type I/II HDD 2.5" SATA	9VDC ~ 32VDC, ATX	137x189x221	2.5"HDD: 0 ~ +45 Ind. CF: -20 ~ +60	1x10/100, 1xPS/2, 2xUSB 2.0, 3xRS-232, 1xRS-232/244/485, AC97	2xPCI
ARK-6610	Advantech	depends on Mini-ITX board Pentium 4/ Pentium M			HDD 3.5" Slimline optical	100VAC ~ 240VAC, ATX	250x156 x253	0 ~ 40	Extra Cutout for: 5 x COM, 2 x DVI/LVDS, 1 x S/C-video, 2 x USB, 1 x WLAN antenna	mini-PCI, PCI
ARK-6620	Advantech	depends on Mini-ITX board Pentium M			HDD 3.5"	100VAC ~ 240VAC, ATX	272 x 88 x 232	0 ~ 40	Extra Cutout for 2 x COM, 1 x DVI/LVDS, 1 x S/C-video, 1 x WLAN antenna	mini-PCI
ARK-6310	Advantech	depends on Mini-ITX board Pentium M			CF Type I/II HDD 2.5" IDE	14VDC ~ 24VDC, ATX	232 x 65 x 232	0 ~ 40	Extra Cutout for 2 x COM, 1 x DVI/LVDS, 1 x S/C-video, 1 x WLAN antenna	mini-PCI

## Digital Signage Solutions RISC

Description	Manufacturer	CPU	Display/ Audio Interface	Storage System	Power Supply	Dimension (WxHxD) / mm	operating temp. (°C)	I/O	Video Features	Audio Features
DSA-2100A	Advantech	RISC	DVI, Comp. Video, S-Video, R/L analog	HDD 2.5" IDE	12VDC	228x44x110	0 ~ 40	1x10/100, 1xRS-232, 2xUSB2.0	MPEG-1/2 MP@ML up to 14Mbps, MPEG-4 ASP, DVI up to 720p HD, 1280x720	2 channels, MPEG-1 and MPEG-2 layers I,II,III (MP3), 16-bit PCM, up to 384kbps, 48kHz
DSA-2101/2102	Advantech	RISC	DVI, Comp. Video, S-Video, R/L analog	512MB DOC / HDD 3.5" IDE	12VDC	228x44x110	0 ~ 40	1x10/100, IEEE 802.11b/g, 1xRS-232, 2xUSB2.0	MPEG-1/2 MP@ML up to 14Mbps, MPEG-4 ASP, DVI up to 720p HD, 1280x720	2 channels, MPEG-1 and MPEG-2 layers I,II,III (MP3), 16-bit PCM, up to 384kbps, 48kHz

## Digital Signage Solutions x86

Description	Manufacturer	CPU	Display/ Audio Interface	Storage System	Power Supply	Dimension (WxHxD) / mm	operating temp. (°C)	I/O	Video Features	Audio Features
DSA-3300	Advantech	Intel Celeron LV 1.5 GHz Intel Pentium M LV 1.6GHz Intel 852GM + ICH4	DVI, VGA, AC97	HDD 2.5" IDE CF Type I/II	12VDC ~ 24VDC	222x135x43	-10 ~ 45	1x10/100, mini-PCI 1xRS-232, 1xRS-232/244/485, 4xUSB2.0	Up to 1600x1200@85Hz Up to 2048x1536@75Hz	WLAN, DVB-T, analog TV (optional) EWF, WDT, scheduled boot up SDK, landscape and portrait format
DSA-3400	Advantech	Intel Core Duo T2400 Intel 945GM + ICH7M	DVI, VGA, Comp. Video, S-Video, AC97	HDD 2.5" IDE CF Type I/II	12VDC ~ 24VDC	222x135x47	-10 ~ 45	1xGbit LAN, mini-PCI for WLAN or TV-Tuner 1xRS-232, 1xRS-232/244/485, 4xUSB2.0	Up to 2048x1536@75Hz	WLAN, DVB-T, analog TV (optional) EWF, WDT, scheduled boot up SDK, landscape and portrait format

## Open Frame Panels

Size	Product Name	Resolution	Dimension (WxHxD) / mm	Luminance (cd/m2)	Contrast	Viewing Angle (O / U / L / R)	operating temp. (°C)	I/O	Special Features
10,4"	M104F-V	640 x 480	265,3 x 194,6 x 43,7	400	1000	176° / 176°	5°C - 40°C	RGB, Video-in	75x75 VESA, coated housing
10,4" Touch	M104FL-V	640 x 480	265,3 x 194,6 x 45,4	400	1000	176° / 176°	5°C - 40°C	RGB, Video-in	75x75 VESA, Touch, coated housing
12,1"	M121F-S	800 x 600	289,9 x 206,2 x 41,8	450	1000	178° / 178°	0°C - 50°C	RGB, DVI	75x75 VESA, coated housing
12,1" Touch	M121FL-S	800 x 600	208,1 x 219,9 x 40,4	450	1000	178° / 178°	5°C - 40°C	RGB, DVI	75x75 VESA, Touch, coated housing
15"	ST-HB15 AGX	1024 x 768	359 x 258 x 60	450	700	160° / 160°	-30°C - 60°C	RGB, DVI, Video-in	edge mount
15" Touch	ST-HB15 AGL	1024 x 768	359 x 258 x 60	330	400	160° / 160°	-30°C - 60°C	RGB, DVI, Video-in	edge mount
17"	ST-HB17 APX	1280 x 1024	408 x 298 x 65	300	800	160° / 160°	0°C - 40°C	RGB, DVI, Video-in	edge mount
17" Touch	ST-HB17 AOL	1280 x 1024	408 x 298 x 70	250	800	160° / 160°	0°C - 40°C	RGB, DVI, Video-in	edge mount
19"	ST-HB19 AOX	1280 x 1024	440 x 328 x 69	300	700	160° / 160°	0°C - 40°C	RGB, DVI	edge mount
19" Touch	ST-HB19 AOL	1280 x 1024	440 x 328 x 74	250	700	160° / 160°	0°C - 40°C	RGB, DVI	edge mount
22"	M220F-W	1680 x 1050	503 x 325 x 64	300	1000	170° / 160°	5°C - 40°C	RGB, DVI	75x75 VESA, coated housing
22" Touch	M220FL-W	1680 x 1050	503 x 325 x 70	250	1000	170° / 160°	5°C - 40°C	RGB, DVI	75x75 VESA, Touch, coated housing
26"	ST-HB26B1F	1366 x 768	626 x 401 x 94	500	800	160° / 150°	5°C - 40°C	RGB, DVI, Video-in	edge mount
32"	ST-HB32B1F	1366 x 768	782 x 487 x 93	500	1500	176° / 176°	5°C - 40°C	RGB, DVI, Video-in	edge mount
42"	ST-HB42A1F	1920 x 1080	1044 x 647 x 123	500	2000	176° / 176°	5°C - 40°C	RGB, DVI, Video-in	edge mount
47"	ST-HB47A1F	1920 x 1080	1156 x 676 x 125	500	1500	176° / 176°	5°C - 40°C	RGB, DVI, Video-in	edge mount