

DSA-3020

Full HD Compact Signage Platform

NEW



Features

- Compact size for easy installation & mounting
- Fanless design for better reliability
- Supports Intel® Silverthorne XL processor
- Supports both landscape and portrait mode of display and dual display
- Supports Windows XPe & Linux
- Watchdog timer & DASH function for signage purpose



Microsoft
Windows
Embedded



Introduction

DSA-3020 is a small profile, all-in-one Windows XPE ready network appliance and control box digital signage applications the Intel Silver throne XL processor gives it the power for HDTV decoding and multiple media processing. This easy-to-implement network appliance enables centralized control, scheduling and delivery of multimedia content through IP/Ethernet networks. Built on an x86 platform and XP Embedded OS, it is easy for application development. The compact -size design and the standard mounting bracket of DSA-3020 makes it can be easily mounted behind the signage display devices.

Specifications

Processing System	CPU	Intel® Silverthorne XL, 1.6 GHz, 533 MHz FSB
	Chipset	Intel Poulso XL
	L2 Cache	2M
	BIOS	AWARD 4M bit BIOS
	Front Side Bus	533 MHz
Graphic	Chipset	Poulso XL, Single 533 Mhz DDR2, 200 MHz Int. Gfx
	Memory Size	Shared system memory up to 256 MB
Memory	Technology	Single DDR2 533
	Max. Capacity	1 GB
Network	LAN	GigaLAN 1 x RJ45
	Wireless	Optional (via MiniPCIe module)
I/O Ports	Display	1 x DVI-D
	Audio	Azalia compatible audio codec to provide 1 x LINE-IN and 1 x LINE-OUT
	Mini-PCI	1 x Mini-PCIe
	USB 2.0	2 x USB connector
	Serial	1 x RS-232
	PSW	External power switch connector
Media formats	Video codec	WMV, H.264, MPEG 1/2/4
	Video format	WMV, MOV, AVI
	Audio codec	2 channels, MPEG-1 Layers I, II and III (MP3), 16-bit PCM, bit rate up to 384 kbps, sample rate up to 48 KH, AC3, AAC..., etc (depends on S/W codec)
	Still image format	JPEG, BMP, TIFF, GIF, PNG
	Flash format	SWF
	Text	Fixed Text, Live RSS Feed
Display Compatibility	Aspect ratio	4:3, 16:9, 3:4, 9:16
	Output resolution	4:3 ratio - 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024 16:9 - 1280 x 720 (720p), 1980 x 720 (1080p), 2048 x 1536
	Display connector	DVI-D (with DVI-D to HDMI convertor)
Player Function	Program update	Through LAN, WAN or USB storage
	Scrolling text	Variable scrolling speed and position
	Playlist	Scheduling playback, endless loop playback, auto play after power on
Storage	IDE-0	Hard-drive: 2.5" SATA, Flash disk: SSD (4 GB or up) or CF (Upon request)
	IDE-1	CF
Power	Power computation	Aveg 5W
	Power supply	12 V DC ~ 19 V DC
	System alarm	schedule boot up function

Environment	Temperature	-10 ~ 45° C, Operating
	Relative humidity	95% @ 40° C (non-condensing), Operating
	Vibration resistance	1 Grms, IEC 60068-2-64, Random, 5 ~ 500 Hz, 1hr/axis
Physical	Dimension	170 x 115 x 28 mm
	Weight	0.8 kg (1.76 lb)
Watchdog timer	Output	Interrupt, system reset
	Interval	Programmable 1 ~ 255 sec.
Certification	Electromagnetic	CE, FCC
	Safety	UL, CB, CCC
	Environmental protection	RoHS, WEEE

Ordering Information

Part No.	Description
DSA-3020	DSA-3020 with 4G CF

Power Code Option

Part Number	Descriptions
1702002600	Power cord, 180cm, 180D, US/UL
1702031836	Power cord, 180cm, 180D, AU/SAA
1702002605	Power cord, 180cm, 90D, EU/CE
1702031801	Power cord, 180cm, 90D, UK/5A fuse

Accessory List

1. TV tuner
2. WiFi module
3. USA power cord
4. European power cord
5. UK power cord

Packing List

1. DSA-3020
2. CD-ROM
3. VESA Mounting Bracket
4. DVI-D to HDMI Converter
5. Power Adaptor