SMP-2300
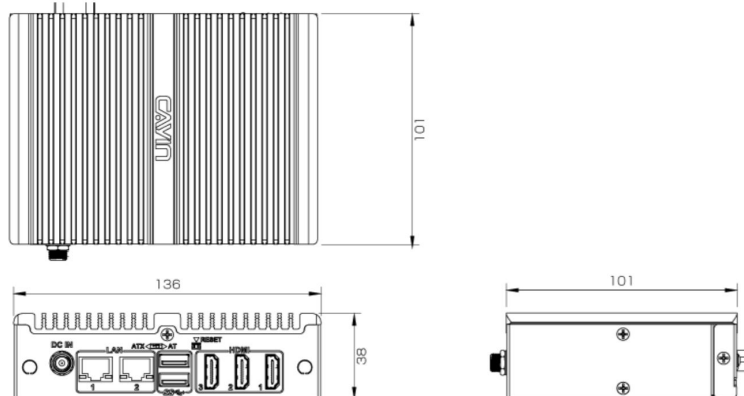
◆ Key Feature

⌐ Equipped with HDMI outputs for 2 displays

⌐ 3 playback modes: zone-type, individual programs, or playlists

⌐ Support 4K UHD video, YouTube Video, Flash®, HTML5, CSS3, weather, social media, etc.

⌐ Unlimited Video zones, Image zones, and Ticker zones

⌐ Support 4 signal output modes: Single, Clone, Extended, Distinct Modes

⌐ Offer flexible task scheduling based on once, daily, weekly, monthly, or yearly timescales

⌐ Allow self-designed template creation either directly on SMP player or on your PC

⌐ Make rich Library and cloud resources freely available

⌐ Support 2 LAN ports for advanced management & network security

◆ Mechanical Dimension

Compact 4K HDMI Digital Signage Player

◆ System Specifications

Model		SMP-2300
System software		SMP-NEO2 v3.0

Content Creation	Zone type	• Able to use CAYIN Skin Editor to create templates either directly on SMP players or on your PC
		• Display zone:
		  • Video zone x 2 (video file/streaming/audio)
		  • HTML zone x 3
		  • Image zone x 2
		  • Ticker zone x 2
		  • Clock zone x 1
		  • Background image x 1

	Full-screen	• Use any web-editing tool to create HTML pages with unlimited Video zones, Image zones, and Ticker zones (*Depending on Hardware Spec)
Multimedia Playback	Playback modes	• 3 options: Skin, Program, and Playlist
	Web Pages	• Browser: Firefox (v52.8 Linux build) • Web language: support HTML 5[1], JavaScript and RSS/ATOM Feed • Plug-in: Adobe® Flash® Player (V 24, Linux build), CAYIN Media Player (Video and Audio), CAYIN Ticker, CAYIN Image Slideshow • Content: show whole or part of HTML/Flash files, remote URL, weather, social media (e.g. Twitter) or integrate with users' network facilities and databases
	Streaming Video	• CAYIN RTB (MPEG4-TS, MPEG2-TS; bit-rate: 1~5 Mbps) • RTSP (codec: H.264; bit-rate: 1~20Mbps) • RTP (MPEG-2, MPEG-4, bit rate: 1~10 Mbps) • HTTP/MMS
	Video Files	• Format: MPEG (MPG, VOB), AVI (H.264), WMV, WMA, MP3, MP4 • Codec: MPEG-1/2, MPEG-4 ISO, WMV 7/8/9, H.264, H.265(HEVC) • Bit-rate: up to 30Mbps (MPEG2, MPEG4, WMV, H.264) for 1080p, 15Mbps (H.264, H.265) for 4K UHD • Resolution: up to 4K UHD@30HZ
	Audio Files	• Format: WMA, MP3 • Codec: MP3, WMA 7/8
	Image Files	• Format: JPEG/GIF/BMP
	Preview	• Playback simulator: image, HTML/Flash, remote URL, and ticker (Note: Simulation is for reference only. Actual display may differ.) • File preview: show thumbnails for image and video files
Schedule	Playback	• Local & central scheduling: edit schedules directly on an SMP player or centrally control multiple players in groups by a CMS server • View type: calendar or time table • Schedule mode: once, daily, weekly, monthly, yearly, and location • Playback type: able to edit scheduled tasks for each zone or as a full-screen display
	Screen, volume & system	• Set schedules to turn on/off the screen, adjust SMP's volume, or restart the system

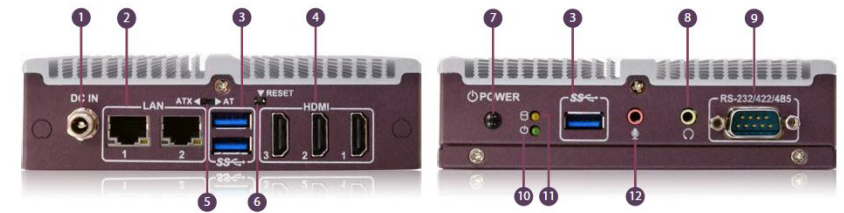| Model		SMP-2300
Content Update	Methods	• Online (manually): FTP, Network Shares (Network Neighborhood), SMP's Web Manager • Online (automatically): CAYIN CMS server • Offine: USB Storage Device
System Settings	Language	• User Interface: Chinese (Traditional), Chinese (Simplified), English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai • Ticker Support: Unicode (UTF-8) compatible languages; able to use default fonts or upload TTF fonts[2] .
	Display	• Screen resolutions: 640x480, 800x600, 1024x768, 1152x864, 1280x720 (720p), 1280x768, 1280x1024, 1360x768, 1366x768,1600x900, 1600x1200, 1680x1050, 1920x1080, 1920x1200, 1920x1440, 3840x2160 (30Hz, Single/Clone); up to 4096 pixels for one side by User-defined mode • Portrait Mode: Support 90 and 270 degree display rotation • 4 signal output modes: Single, Clone, Extended, Distinct Modes • Support to detect EDID/DDC parameters • Support the screensaver function • Support to incorporate with USB HID compliance touch screen and multi-touch gestures
	Time	• Set system time manually or synchronize the clock from an NTP server
	Location	• Track SMP's current location by GPS or simply show a static location in Google Maps
Remote Diagnostics and Maintenance	Hardware Monitor	• Check CPU temperature and utilization of CPU, system DRAM, and hard drive
	Log	• Create log files recording the system status • Able to purchase SuperReporter 2 to generate advanced playback reports
	System Update	• Automatic notification of patch and firmware updates
	Self-repair	• Able to restart/shutdown/recover the system and backup/restore configurations remotely.
Network	Protocol	• Support static IP and dynamic IP (DHCP) • Support HTTP, HTTPS, SMB, ICMP, RTP, RTSP, MMS, SYSLOG, NTP, FTP • Built-in Firewall Management
Resources	Cloud-based	• Provide templates and materials in Library and Online Resources
Web Manager	Recommended browsers	• IE 11 or later, Chrome 71 or later, Firefox 56 or later

[1] The compatibility is based on the built-in Firefox browser.

[2] CAYIN doesn't guarantee that SMP-NEO2 is compatible with all font files.

◆ Hardware Specifications

Model	SMP-2300
CPU	• INTEL® Apollo Lake Dual-Core Processor
Dimension	• 136 (W) x 101 (D) x 38 (H) mm
Weight	• 0.9 Kg
Network	• 10/100/1000 Mbps Ethernet x 2 • 802.11 b/g/n/ac Wireless controller (optional) • 3G/4G Data Network (optional)
Internal Storage	• SSD 30GB (Optional Upgrade: up to 256GB)
External Storage	• Supports up to 4TB
Video	• HDMI x 3 - HDMI 1 & 2 supports video and audio output - HDMI 3 supports video output only
Audio	• Phone Jack (Analog Stereo) • HDMI Audio (Digital)
Support Video Streaming	• HDMI Capture Card (USB UVC compatible device, Format: MJPG)
Power	• 100~240V AC (with external adaptor) • DC 12V, 3A
Others	• RS-232/ 422/ 485(COM) x 1 • USB 3.0 x 3
Peripherals	• Wall mount bracket (compatible with VESA 75x75/100x100)
Certificate	• CE, FCC, RoHS, CB, BSMI

■ Specifications are subject to change without prior notice.

❶ Power Connector	❷ Ethernet LAN x 2	❸ USB 3.0 x 3	❹ HDMI x 3
❺ ATX / AT Power Switch (function disabled)	❻ Reset Button	❼ Power Button	❽ Audio-out
❾ RS-232	❿ Power Indicator LED	⓫ HDD Indicator LED	⓬ Microphone (function disabled)