

Embedded Systems Tailored to Sharpen **Digital Communications**

To cope with growing digital signage application demand, NEXCOM, with decades of solid experience in industrial computing, is dedicated to providing industrial-grade and high-performance digital signage players. NEXCOM has created a full range of digital signage players, the NDiS series, to address the requirements for a broad spectrum of digital signage applications. NDiS product family covers from cost-effective, low-power consumption media players, entry-level yet powerful media players, to high-end media players with multi-display support for video wall applications.

Value Proposition

Digital signage technology and its supportive infrastructures have grown mature throughout the years, with more and more signage applications becoming integrated into our daily lives. Digital signage displaying content such as advertising, branding, product information, live messages and real-time multimedia broadcasting has given us an enriched digital experience. Interactive signage, on the other hand, has provided responsive engagement which further enhanced user experiences. Soon, supportive infrastructures like IoT will bring in new connected experiences where signage across various industries can connect with nearby users' smart device and interact with them on a personalized level.

In the coming years, digital signage applications will keep expanding and create more revenue opportunities. Along the way, NEXCOM will continue to provide leading digital signage solutions and continue to offer new product service models, ranging from single-product designs to complete enterprise solutions that fit customers' business scenarios and usage models. To achieve this, our product design focuses on the following:

1. Industrial-grade Reliability

The NDiS series of digital signage players are designed with industrial components, ruggedized and vandal-proof constructions that can withstand environmental variations including wide temperatures and other hazardous factors, reducing uncertainties in maintenance.

2. Optimized Price-Performance

The NDiS series comes in entry-level to high-performance fanless models with an abundant of price-performance features such as different storage media support (HDD, SSD, mSATA, NGFF, etc.), USB 3.0 connections, mini-PCIe expansions and hardware accelerated graphics. With models supporting single display to multiple displays at 4K video resolution as well as models designed for OPS displays, the NDiS series can adapt to any application requirements, and accelerate playback of a wide variety of media formats to lower total cost of ownership.

3. Integration and Miniaturization

Highly integrated and miniaturized designs in slim and compact dimensions for easy integration with large display devices, with a focus on reducing the deployment and cabling cost of digital signage through flexible wall and VESA mounting options, PoE and VoE (HDBaseT) wiring.

4. Flexibility and Backward Compatibility

In addition to supporting the latest peripheral interfaces, the product design also considers the support of rich legacy I/O interfaces to allow customers to retain and reuse their legacy infrastructures. Furthermore, long product lifecycles and strict revision control policies are in place to eliminate software compatibility hassles.

5. Future Scalability

Supporting technologies for emerging applications such as IoT (Internet of Things), cloud service and big data are taken into consideration to provide scalable digital signage solutions.

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The Intelligent Systems

A digital signage solution consisting of media players, display devices and content servers connected together in a network can provide great flexibility to deliver stunning messages to target audiences at the right time and at the right place. Compared to traditional static signs, digital signage can display dynamic information with digital content that can be easily managed and updated over remote operation. Furthermore, digital signage can employ interactive technologies such as touch screens, motion detection and facial recognition to improve customer interaction and experience.

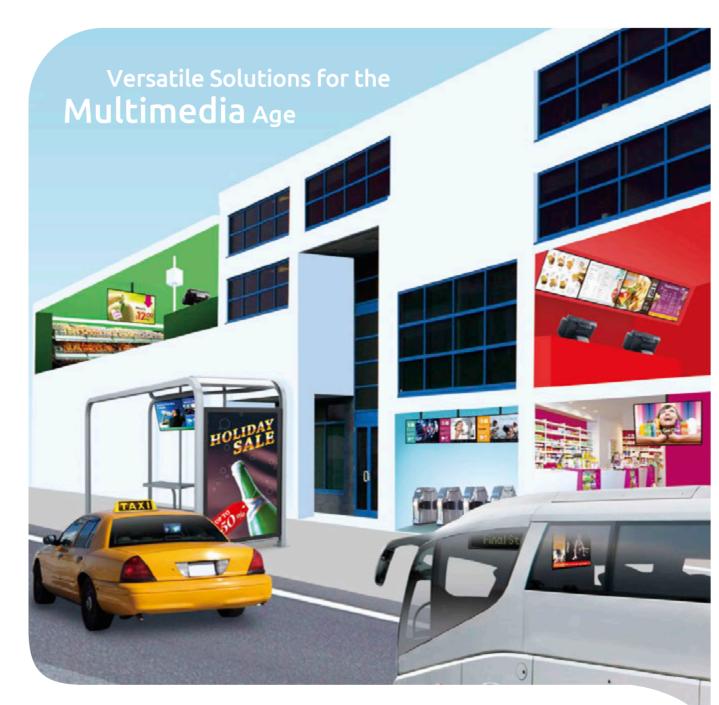


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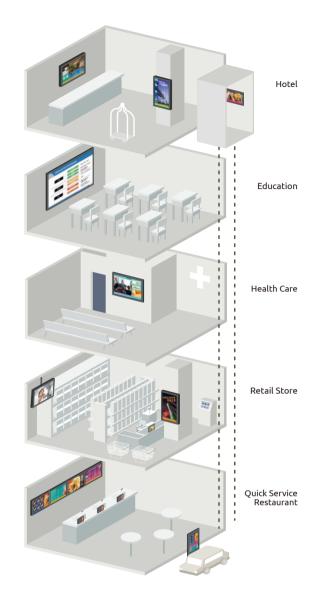
Digital Signage **Product Selection Guide**



Digital Signage Solution

The Most Effective Communication Tool to **Target Audiences**

Digital signage and DOOH (Digital Out-of-Home) solutions can deliver stunning messages to target audiences and create experiences that are engaging and compelling, empowering customers and building brand image. A well designed digital signage can dynamically update its content based on location context. send out real-time information updates over a network connection, engage customers with immersive visuals and interactive features, and is even able to provide personalized information and advertising to a specific customer based on demographics. The experience that digital signage brings is impactful and many industries including transportation, retail, hospitality and foodservice are now showing increased interest in the deployment of digital signage.





D Box Player

Model	40.9.5		The state	S ANSAMY	des + Deres	Berry	- Annual				Model		
	NDiS B114	NDiS 126	NDiS 127	NDIS B323	NDiS B324	NDiS 166	NDiS 167	NDiS B524F	NDiS B532	NDIS B533		NDIS B842	NDiS B862
CPU	Freescale™ i.MX6Quad, 4 x ARM® Cortex®-A9 core 1.0GHz	Intel [®] Atom™ D2550	AMD G-series T56N	Intel [®] Celeron [®] 1037U	Intel [®] Celeron [®] J1800	2nd Gen. Intel [®] Core™ rPGA Socket Type	2nd/3rd Gen. Intel® Core™ rPGA Socket Type	4th Gen. Intel [®] Core™ LGA Socket Type	2nd/3rd Gen. Intel® Core™ rPGA Socket Type	4th Gen. Intel [®] Core™ LGA Socket Type	CPU	AMD R-series Dual/ Quad Cord	AMD R-series Dual/ Quad Cord
Chipset	N/A	Intel [®] NM10	AMD A55E	Intel [®] NM70	N/A	Intel [®] QM67	Intel [®] QM77	Intel [®] H81	Intel [®] QM77	Intel [®] Q87	Chipset	AMD 70M	AMD 70M
Graphic	Integrated Vivante 3D GPU IP Cores	Intel® GMA 3650	ATI HD6320	Intel [®] HD Graphics NVIDIA [®] 705M GPU	Intel [®] Gen. 7 Graphics	Intel [®] HD Graphics 3000	Intel [®] HD Graphics 3000/4000	Intel [®] HD Graphics 4600	Intel [®] HD Graphics 4000	Intel [®] HD Graphics 4600	Graphic	AMD Radeon™ E6760	AMD Radeon™ E6760
RAM	DDR3 1GB	DDR3 SO-DIMM, up to 4 GB	DDR3 SO-DIMM, up to 4 GB	DDR3 SO-DIMM, up to 4GB	DDR3L SO-DIMM, up to 4GB	2 x DDR3 DIMM, up to 16GB	2 x DDR3 DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB	RAM	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3 SO-DIMM, up to 16GB
LAN	x1, 10/100/1000Mbps	x2, 10/100/1000Mbps	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	x1, 10/100/1000Mbps	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps	LAN	x2, 10/100/1000Mbps	x2, 10/100/1000Mbps
WLAN	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA
Hard Disk	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1x2.5" SATA	1x2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1x2.5" SATA	Flash Storage	SATA DOM	SATA DOM
Flash Storage	8GB 1 x SD card reader	N/A	N/A	N/A	N/A	SATA DOM	SATA DOM	N/A	SATA DOM	SATA DOM	Video Output	4 x HDMI	6 x HDMI
Video Output	1 x HDMI	1 x HDMI or 1 x HDMI + 1 x VGA or 2 x HDMI	1 x VGA, 1 x HDMI	1 x VGA, 1 x HDMI 1	1xVGA, 1xHDMI	1 x VGA, 1 x DVI-D, 1 x HDMI	1 x Display Port, 1 x DVI-I, 1 x HDMI	2 x HDMI	3 x HDMI	3 x HDMI	Display Resolution	1920 x 1080	1920 x 1080
Display Resolution	1920 x 1200	1920 x 1080	1920 x 1080	1920 x 1080	1920x1080	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080	3840 x 2160	Output Channel	4 Independent, Expanded or Clone	6 Independent, Expanded or Clone
Output Channel	1 Independent	2 Independent or Clone	2 Independent or Clone	2 Independent or clone	2 Independent or Clone	2 Independent or Clone	3 Independent or Clone	2 Independent or Clone	3 Independent or Clone	3 Independent or Clone	Video	Hardware Decode:	Hardware Decode:
Video Capability	Hardware Decode: MPEG2, MPEG4 SP, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Capability	MPEG1, MPEG2, VC1, H.264	MPEG1, MPEG2, VC1, H.264
Audio Output	1 x Line-in, 1 x Line-out	1 x Line-in, 1 x Line-out	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x Mic-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out	Audio Output	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x S/PDIF, 1 x Line-in, 1 x Line-out
TV Tuner	N/A	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	TV Tuner	Optional	Optional
RS-232	1 (TX, RX)	1	1	1	1	2	2	2	2	2	RS-232	2	2
USB 2.0	4	6	4	2	4	4	N/A	2	N/A	N/A	USB 2.0	2	2
USB 3.0	N/A	N/A	N/A	2	N/A	N/A	4	2	4	4	USB 3.0	2	2
Expansion Slot	1 x Mini-PCIe (Half)	1 x Mini-PCle	1 x Mini-PCle, 1 x Mini-PCle (Half)	1 x Mini-PCle	1 x Mini-PCIe (Half)	2 x Mini-PCle	Expansion Slot	2 x Mini-PCle	2 x Mini-PCle				
Power Type	12V DC	12V DC	12V DC	19V DC	19V DC	12V DC	12V DC	12V DC	12V DC	12V DC	Power Type	12V	12V
Dimension (mm)	140 x 124.4 x 37.6	185 x 147 x 48.4	185 x 147 x 48.4	250 x 194 x 40	180 x 150 x 25	250 x 194 x 40	250 x 194 x 40	TBD (Slim Design)	294 x 198 x 52	294 x 198 x 52	Dimension (mm)	280 x 230 x 44	280 x 230 x 44
OS Support	Preload Android 4.3	Win7 / WES7	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / WES7 / Win8 / WE8S / Linux	Win7 / WES7 / Win8 / WE8S / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	OS Support	Win7 / WES7 / Win8 / WE8S / Linux	Win7 / WES7 / Win8 / WE8S / Linux

🜔 Video Wall Player

OPS Player

Iodel	the state		6	to in it	м
	NDIS M324	NDIS M422	NDIS M532	NDiS M533	
PU	Intel [®] Celeron [®] processor J1900	AMD G-series T56N	2nd/ 3rd Gen. Intel [®] Core™ rPGA Socket type	4th Gen. Intel [®] Core™ i3-4100/i5-4400E/ i7-4700EQ	LC
hipset	N/A	AMD A50M	Intel [®] QM77	Intel [®] QM87	Re
raphic	Intel [®] Gen. 7 Graphics	AMD Redeon™ HD6320	Intel [®] HD Graphics 4000	Intel [®] integrated HD 4600 Graphic Engine	Br
AM	2 x DDR3L SO-DIMM, up to 8GB	DDR3 SO-DIMM, up to 4GB	2 x DDR3 SO-DIMM, up to 16GB	2 x DDR3L SO-DIMM, up to 16GB	C
AN	x1, 10/100/1000Mbps	x1, 10/100/1000Mbps	x2, 10/100/1000Mbps	x1, 10/100/1000Mbps	Vi
/LAN	Optional	Optional	Optional	Optional	м
ard Disk	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	1 x 2.5" SATA	D
ash Storage	N/A	N/A	N/A	N/A	P
ideo Output	1 x HDMI, 1 x TMDS (via JAE Connector)	1 x HDMI, 1 x TMDS (via JAE Connector)	1 x HDMI, 1 x TMDS (via JAE Connector) 1 x DP (via JAE Connector)	1 x HDMI, 1 x TMDS (via JAE Connector), 1 x DP (via JAE Connector)	0
isplay esolution	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	0
utput Channel	2 Independent or Clone	2 Independent or Clone	2 Independent or Clone	2 Independent or Clone	CI
ideo Capability	Hardware Decode:MPEG2/4, VC1, H.264, VP8	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware Decode: MPEG1, MPEG2, VC1, H.264	Hardware decode:MPEG2, VC1, H.264	М
udio utput	1 x Mic-in, 1 x Line-out, 1 x Line-out (via JAE Connector)	1 x Line-in, 1 x Line-out, 1 x Line-out (via JAE Connector)	1 x S/PDIF, 1 x Line-in, 1 x Line-out	1 x Mic-in, 1 x Line-out, 1 x Line-out (via JAE Connector)	St In U
V Tuner	Optional	Optional	Optional	Optional	C
S-232	N/A	1 (RJ45 Connector)	2	1(RJ45 Connector)	Et
SB 2.0	3 (1 x External, 2 x via JAE Connector)	5 (2 x External, 3 x via JAE Connector)	N/A	2 (2 x via JAE Connector)	A
SB 3.0	4 (3 x External, 1 x via JAE connector)	N/A	4	5 (4 x External, 1 x via JAE connector)	E
xpansion Slot	1 x Mini-PCle	1 x Mini-PCle	2 x Mini-PCle	1 x Mini-PCle	
ower Type	12 ~ 19V DC (via JAE connector)	12 ~ 19V DC (via JAE connector)	12V DC	12 ~ 19V DC (via JAE connector)	C
imension (mm)	200 x 119 x 30	200 x 119 x 30	294 x 198 x 52	200 x 119 x 30	O Te
S Support	Win7/WES7/Win8/ WE8S/Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	Win7 / Win8 / XP / WES7 / WE8S / WES2009 / Linux	0

AIO PPC & Display

lodel	NDIS A322	NDIS AC22
CD Size	21.5"	21.5"
esolution	1920 x 1080	1920 x1080
rightness	250 cd/m ²	250 cd/m ²
ontrast Ratio	3000	3000
iewing Angle	178/178	178/178
lounting	VESA/Vehicle mount	VESA/Vehicle mount
imension	TBD	TBD
ower Input	DC 9V ~ 36V	DC 9V ~ 36V
ptional ommunication	WiFi/WWAN/GPS	N/A
ptional	Video over CAT5	Video over CAT5
PU	Intel [®] Celeron [®] N2807	N/A
lemory	DDR3L SO-DIMM, up to 4GB	N/A
torage Iterface	1 x 2.5" SSD 1 x mSATA	N/A
SB	2 x USB2.0	N/A
ОМ	1 x COM	N/A
thernet	1 x 10/100/1000Mbps	N/A
udio	1 x Line-out	N/A
xpension	1 x Mini-PCIe (Full) 1 x Mini-PCIe (Half)	N/A
ertification	CE, FCC Class A, e13	CE, FCC Class A, e13
peration emperature	-10°C ~ 50°C	-10°C ~ 50°C
S Support	Win7 / WES7 / Win8 / WE8S / Linux	Win7 / WES7/ Win8 / WE8S / Linux

Founded in 1992 and headquartered in Taipei, Taiwan, NEXCOM is committed to being your trustworthy partner in building the intelligent systems. To surpass customers' expectations, NEXCOM makes the difference by utilizing its decades of industrial computing experience, a highly talented R&D team, and by providing exceptional levels of customer service. With these core strengths, NEXCOM has enabled its customers to win key projects in a diverse range of industries.

With its focus on delivering these core values to better serve customers, NEXCOM integrates its capabilities and operates six global businesses, which are Multi-Media Solutions (MMS), Mobile Computing Solutions (MCS), IoT Automation Solutions (IAS), Network and Communication Solutions (NCS), Intelligent Digital Security (IDS), and Healthcare and Medical Informatics (HMI). This strategic deployment enables NEXCOM to offer time-to-market, time-to-solution products and service without compromising cost.

IAS	iAul IoT: Inte
IDS	Inte
MCS	Mo Veh
MMS	Mul
нмі	Hea
NCS	Net

Corporate Vision

To become the industrial leader in providing intelligent systems, NEXCOM utilizes its industry leading technology, localized customer support and worldwide logistics services. This will be achieved by:

- Great team work

Corporate Mission

Reliable Partner for the Intelligent Systems

In addition, the service-to-market business model gives NEXCOM core competence to build a strong world-class service network by providing customized service, global logistics, local access, and real-time support. Operating six subsidiaries, from China, Italy, Japan, Taiwan, the United States, to the United

Kingdom, NEXCOM is able to better facilitate customers' requirements as well as closely work with global partners in different regions.

Partners should also be assured that NEXCOM's Taiwan based Headquarters and subsidiary offices in China, UK and USA have obtained ISO 9001:2008 Certification.



utomation: factory automation (FA), PPC & HMI, machine automation (MA), machine vision

I: IOT gateway, industrial wireless solutions

elligent System Services: embedded computer, single board computer, computer-on-module, POS, kiosk PPC, ODM/OEM services

telligent Digital Security: IP Cam, NVR, mobile server platform

obile Computing Solutions: rugged computer devices, rugged mobile computer ehicle Telematics Computer: Car PC, train PC

ultimedia Solutions: digital signage

ealthcare and Medical Informatics: total solutions with a variety of medical IT systems

etwork and Communication Solutions : network security, VoIP, HPC, telecommunication, storage, switch, industrial firewall

- Cooperation with trusted partners
- Growth through innovation

 An innovative supplier in vertical application markets A quality partner in engineering, manufacturing and services

Business Strategy

Aim to better support the activities of all its partners, NEXCOM divides its sales force into six dedicated business units to target rapidly expanding vertical markets. This enhances each business unit concentrating on strategic channel accounts and on repeat order business. Moreover, NEXCOM's business units have been set up to serve the requirements of key project accounts, where product ODM and project support are frequently required.

NEXCOM is working with embedded computing solution providers to envision new opportunities for growth. We'll help you deliver reliable vertical solutions, optimized for the next wave of IoT and Industrial 4.0 applications.