

NXT IP TRANSMITTER & RECEIVER

NXT-IP4m1 is a professional broadcast-grade compliant HD/SD video and audio transmitter/receiver device. It supports reliable and error-correcting communications over the public Internet, or private fibre lines. It can function as a gateway for multiple SPTS or MPTS MPEG-TS streams. Its fanless design and high-end electrical components, combined with an easy-to-replace external power supply, guarantees a long-life cycle and high SLA. This appliance can be used in a variety of digital video/audio distribution systems such as CATV headends, Satellite and Terrestrial TV, or mobile deployments. This device has capabilities for OOB management via 3G/LTE connection, and can run any of Nextologies' processing/transport modules.



SPECIFICATIONS NXT-IP4m1 TRANSMITTER & RECEIVER

Motherboard Specification

CPU	Fanless Intel® Celeron 3965U / 3955U / 3855U, Skylake-U / Kaby lake-U 15W Processors	
Memory	1 * 260-pin DDR4-2133 SO-DIMM up to 16GB Total	
Graphics	Intel HD Graphics	
LAN	1 x Intel i219-LM PHY Gigabit LAN 3 x Intel i211-AT PCI-E Gigabit LAN	
Audio	NA	
Storage	1 x SATA3 6Gb/s Connector 1 x mSATA (Full-size)	
Wireless / Mini-PCIE / SIM	2 x Mini-PCI Express Slot (1*Full-size, 1*Half-size) 1 x SIM Card Socket	1 x Wireless 802.11 b/g/n 1 x Mini-PCI Express Slot (Full-size) 1 x SIM Card Socket
USB	Embedded 2 * USB 3.0 and 2 * USB 2.0	
TPM	Intel fTPM 2.0 (PTT) Trusted Computing Firmware	OEM Option: Onboard TPM v1.2 or v2.0

Chassis Specification

Enclosure Size	193 (W) x 142.4 (D) x 62 (H) mm			
Color	Black			
Storage Bay	1 * 2.5" SATA Drive Bay	1 * Power Button	1 * Reset Button	1 * Power LED
Front I/O Port	1 * HDD LED			
	2 * USB 2.0 ports			
	4 * LAN LEDs			
	2 * DB9 Punchouts for COM/GPIO (optional)			
	1 * +12V 2.5mm Diameter Locking DC Power Jack		2 * USB 3.0 port	
Rear I/O Port	4 * RJ-45 LAN ports			
	1 * Serial port (RS232)			
	1 * HDMI Punchout (4096 * 2304 @ 24Hz)			
Environment	Operating Temperature : 0 ~ 50°C		Storage Temperature : -10 ~ 70°C	
Functional	Networking Appliance, Firewall/Router, Industrial Contol, Digital Security, Embedded System			
Certificate	CE,FCC,ErP For Barebone		CE,FCC,TUV,UL,CCC,CB,ErP For Power Adapter	