

CENTURY SERIES NTB620/5/8

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ONELAN's Net-Top-Boxes (NTBs) are a series of Digital Signage (DS) Media Player devices designed for different applications in Digital Signage Networks (DSN).

In stand-alone situations, the DS Player must be able to offer a user interface for media scheduling and media playing capability. In networked (DSN) applications a means to distribute media over a Wide Area Network (WAN) must also be provided. The NTB series provides all of these functions embedded within the media players themselves, as well as network security and software update mechanisms.

The Century Series has been designed to provide superior playback features including transparency, real time media rotation and video cropping at an affordable price.

Century Series key features include:

- ◆ Multi-media player. Video, Animations, Stills, Text and Audio
- ◆ Intel processor, accepting more media formats (inc. MPEG4, AVI & QT)
- ◆ Portrait or Landscape display
- ◆ Drag & drop design capability
- ◆ Zone transparency
- ◆ Multilingual GUI
- ◆ Media Playout
- ◆ NTB625/628 – Integrated TV Capture option
- ◆ TV/Video streaming option



NTB620
No TV Capture



NTB625/628:
Inc. TV Capture

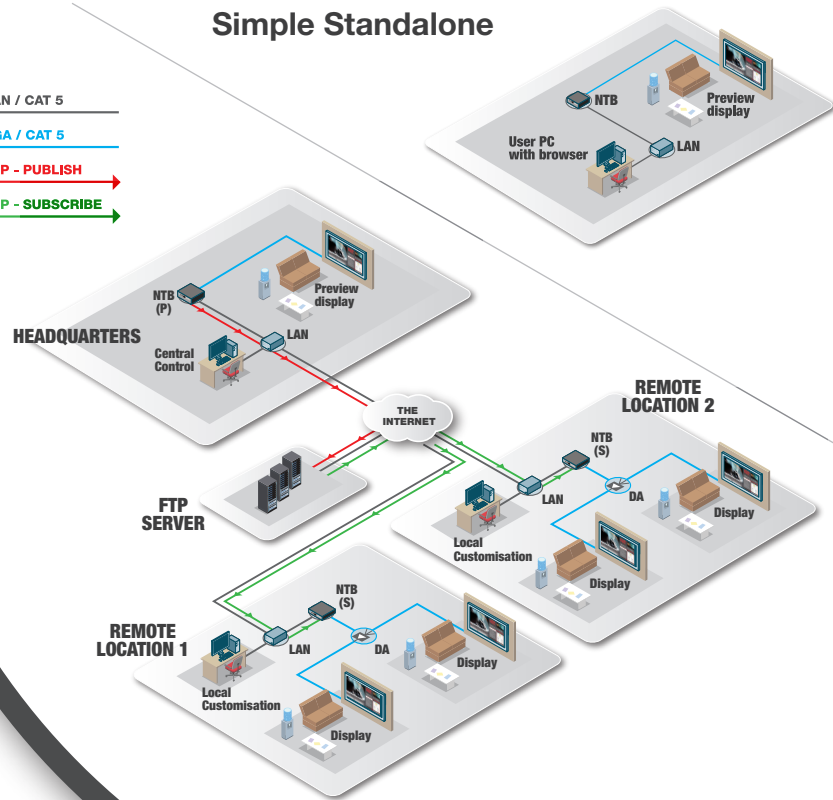


The Century NTBs are ideally suited to applications where Flash or high quality video content is to be played out such as in hospitality, foyers or retail advertising.

Any unit in the series combines with any other ONELAN NTB from the range to provide a cost effective solution for small to large networks.

Simple Standalone

- LAN / CAT 5
- VGA / CAT 5
- FTP - PUBLISH
- FTP - SUBSCRIBE



Medium Scale Digital Signage Network

Century Series – NTB620/5/8 Specifications

Enclosure	<ul style="list-style-type: none"> • 280 x 77 x 268mm • 2u Rack Mount - optional • Wall Mount - optional
Processor	Intel Atom - Dual core
Storage	<ul style="list-style-type: none"> • System RAM – 1024 MBytes • System Media Storage – 160GBytes
Power	180W Internal PSU with PFC, 30W consumption
Network interfaces	<ul style="list-style-type: none"> • Ethernet: 1000/100/10BaseT • 3G: via external USB dongle • Wi-fi: via internal PCI card, 802.11 a,b,g,n (2.4Ghz + 5.0 Ghz)
Video Output	<ul style="list-style-type: none"> • VGA to 2048 x 1536 resolution via 15 'D', 1920 x 1080 max recommended • 4x3, 5x4, 16x9 modes • Landscape or portrait (rotation)
Audio In/Out	3.5mm socket – Stereo Analogue, Line Levels
IR remote	USB interfaced remote control to select streamed or stored media (optional)
RS232	via 9 way 'D' plug
TV Capture*	<ul style="list-style-type: none"> • NTB625 - DVB-T - via Belling Lee connector • NTB628 - ATSC via 'F' series connector. Terrestrial and cable (Clear QAM) • Composite/S-Video (+ stereo audio) via RCA/4 Pin DIN

Display Layout Management	<ul style="list-style-type: none"> • Any number of Layouts scheduled for time-of-week • Any number of Zones (2 video) with independent Playlists • Playlist Management by explicit media reference • Playlist Management by folder membership • Automatic inter-zone synchronization (captioning) • Extensive local and remote media management (option)
Network Monitoring	Digital Signage Manager (DSM) web appliance (optional)
NTB Unit Management	<ul style="list-style-type: none"> • Multi-language Support: English, German, French, Italian, Spanish, Arabic, Japanese, Chinese, Russian, USA English, Portuguese & Thai • Single Units via a Web Browser • Multiple Units (Channels) of NTBs can be 'Subscribed' from a 'Publisher' NTB
Media Sources	<ul style="list-style-type: none"> • Hard Disc: All media types • Ethernet: MPEG/JDP/IP stream (option) • Internet: HTML (Web pages) and RSS Feeds with multilingual support, XML files • Video In: RCA composite/DIN SVideo (option) • TV aerial: DVB-T or ATSC (options)
Media	<ul style="list-style-type: none"> • Video: MPEG1-4 V.3, QT, WMV(9), Real 1-4, Video Cropping • Animation: Flash (SWF) 10.1.53.64, HTML (with Javascript), HTML Cropping and Zoom, HTML as per WebKit 531.2+ • Stills: JPEG, TIFF, GIF, PNG, BMP • Audio: MPEG1-4, WMA Loss-Less, WMA V1-3, AC3, MP3, WAV • Text: Multiple fonts, speeds, colours and directions, RSS Newsfeeds • Clocks: Digital, with multilingual date/time
<p>ONELAN reserves the right to alter specification and functionality. * All Digital TV inputs free to air only.</p>	

Unit configurations

Model type	TV Tuner	Wi-fi	Unit Role
NTB620P	No TV Tuner	No	Publisher/Standalone
NTB625P	DVB-T, PAL-M, Composite, S-video	No	Publisher/Standalone
NTB628P	ATSc, Clear QAM, NTSC	No	Publisher/Standalone
NTB620S	No TV Tuner	No	Subscribe only
NTB625S	DVB-T, PAL-M, Composite, S-video	No	Subscribe only
NTB628S	ATSc, Clear QAM, NTSC	No	Subscribe only

Model type	TV Tuner	Wi-fi	Unit Role
NTB620PW	No TV Tuner	Included	Publisher/Standalone
NTB625PW	DVB-T, PAL-M, Composite, S-video	Included	Publisher/Standalone
NTB628PW	ATSc, Clear QAM, NTSC	Included	Publisher/Standalone
NTB620SW	No TV Tuner	Included	Subscribe only
NTB625SW	DVB-T, PAL-M, Composite, S-video	Included	Subscribe only
NTB628SW	ATSc, Clear QAM, NTSC	Included	Subscribe only



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