



# iPlayer

## series 7600



### The excellence of High Definition for the best of both IP and DVB worlds and incorporating Media Centre capability

#### PRESENTATION

The iPlayer® series 7600 belongs to the iPlayer® family of hybrid IPTV terminals.

Like all Netgem's terminals, the iPlayer® offers the following benefits:

- Limitless options through various hardware and software customisations
- Guarantee of a very high degree of interoperability and stability, using low-cost standardised hardware and open software technologies
- Client support for numerous branded services like EPG, TV portal, live ratings, push/pull VoD and TVoD, fixed line services, video-conferencing, Media Centre etc
- Low-cost, fast and efficient development of new services,
- A full control over deployed technologies with low response time for resolving problems
- The ideal platform for both customer retention and revenue generation.



#### NOMINAL SPECIFICATIONS

##### CORE HARDWARE

Processor :	Sigma Designs SMP863x - 300MHz MIPS + 200MHz secure CPU - Multi decoding
Graphics :	True colour and alpha blending, flicker filtering, font anti-aliasing, PiP/PiG/GiP
Memory :	16MB Flash, 128MB or 256MB RAM
Hard drive :	Embedded low-noise 2"5 HDD, variable capacities

##### CORE SOFTWARE

OS :	Linux
Middleware :	Netgem DVB/HTML, MHEG-5, Multimedia Player
Browser :	Netgem TV Browser : HTML 4.01, ECMAScript (JavaScript 1.5), CSS1&2, DOM1, DOM2 Events
Protocols :	IGMPv2, HTTP1.1, SSL, RTP/RTSP, SNMP, DHCP, PPPoE, POP3, SMTP, IRC, P2P, FTP & SMB clients, UPnP (MediaServer), Windows Media Connect

##### BROADBAND

Ethernet :	10/100 Mbps MDI/MDIX RJ45 for wired, Power Line or Ethernet/Wifi connections
Wifi :	Support for USB/Wifi 802.11b/g adaptors
USB :	Host device USB2.0 low/full/high speed for external HDD, USB keys, webcam...

##### VIDEO & AUDIO

Video decoding :	· MPEG-4 part10 (H.264) BP@L3, MP@L4.1, HP@4.1 · WMV9/VC-1 MP@HL and VC-1 AP@L3 · MPEG-4 part2 ASP@L5 · MPEG-2 MP@HL, MPEG-1
Resolution :	Up to 1920x1080 with up and down scaling
Multi-decoding :	Up to 2xHD or 6xSD or 16xCIF streams
Audio decoding :	· MPEG-2/4 AAC LC and HE · MPEG-4 BSAC · MPEG-1/2 layer I, II and III · WMA9/pro · Dolby Digital 5.1, Plus 7.1, Lossless 7.1 · DTS, DTS-HD

##### SECURITY

Content :	· Embedded Mediaguard, support for Nagra IP · Microsoft DRM10 (Cardea and Janus) · HDCP content protection on HDMI · AES, 3DES, DES encryption/decryption · Macrovision content protection on SCART · Other CAS and DRM systems available on request
Management :	· Secure terminal, channels line-up and services management on network side · Secure download service (network, USB, OTA)

#### INTERFACES



Digital TV :	· 1 DVB-T tuner input (RFin) · 1 tuner output (RfOut) with loop through	USB :	1 USB2.0 host connector
SCART :	· 1 SCART TV (RGB, S-Video, Composite and YPbPr with HD output) · 1 SCART AUX (Composite)	Smart card :	1 ISO7816 smart card reader
Broadband :	1 RJ45 connector	Audio :	· 1 S/PDIF optical connector · 1 mini-jack stereo connector with Composite or S/PDIF RCA
Digital video :	<b>HDMI</b> ™ connector HDCP compatible	Power supply :	Embedded with rear power switch
		Standard :	CE marking (EMC/Safety) - ROHS - WEEE

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