



## added-value features

<b>Technology</b>	<p>All-over-IP platform</p> <p>End-to-end digital format for streaming and storage</p> <p>High reliability server architecture (linux based Server)</p>
<b>Monitoring</b>	<p>Constant monitoring of the platform status and activity</p>
<b>Management</b>	<p>Easy management of the system through web user interface</p> <p>Event log and automatic incidence reporting</p> <p>Detailed statistics on sytem usage</p>
<b>Support</b>	<p>Supported system with remote real-time supervision and periodic updated on new features</p> <p>Direct on-call Technical Assistance (direct support from developing engineers)</p>

## technical specification

<b>Streaming capacity (VOD)</b>	<p>Concurrent Streams up to 200 streams (SD content @ 4 Mbps)</p>
<b>Supported protocols</b>	<p>Transport stream over UDP or RTP/UDP</p>
<b>Encoding formats Supported</b>	<p>MPEG-1   MPEG-2   MPEG-4 AVC/H.264</p>
<b>Bit rates supported</b>	<p>1 Mbps MPEG-4 to 18 Mbps MPEG-2 High Definition   CBR or VBR</p>
<b>Streaming Outputs</b>	<p>2 x Gigabit Ethernet with link aggregation, conforming a streaming capacity of 2Gbp</p>
<b>Storage Capacity</b>	<p>Supplied 2 TB in RAID1 (960 hours based on 5Mbps content encoding rate)</p> <p>Storage capacity can be easily increased</p>
<b>Live Channel Ingest (NPVR)</b>	<p>Minimum 20 channels for SD content, based on 5Mbps content data rate</p>

## components

<b>ONd3mand Server</b>	<p>- High-stability Linux Operating System, High-efficiency SQL Database</p> <p>- Minimum hardware requirements:</p> <ul style="list-style-type: none"> <li>▪ 2 x Intel Xeon E5506, 4C, 2.13GHz, 4M Cache, 4.80GT/s, 80W TDP, DDR3-800MHz</li> <li>▪ 8GB Memory for 2 CPUs, DDR3, 1333MHz (2x2GB Single Ranked UDIMMs).</li> <li>▪ RAID 1 with PERC H200 RAID Controller, 2 HDDs</li> <li>▪ 2x2 TB, SATA, 3.5-inch, 7.2K RPM Hard Drive (Hot Plug).</li> <li>▪ Gigabit Ethernet NIC with 4 ports TOE</li> <li>▪ Server Management card for remote access</li> </ul> <p style="text-align: right;">*NOTE: Two or more servers can be ordered and configured in cluster to provide full redundancy</p>
<b>ONd3mand Player</b>	<p>- Compatible with main Set Top Box manufactures</p> <p>- Standard PC with web browser and VLC 0.9 or higher</p> <p>- Compatible with TV display LG Pro: Centric</p>

Specifications are subject to change without notice