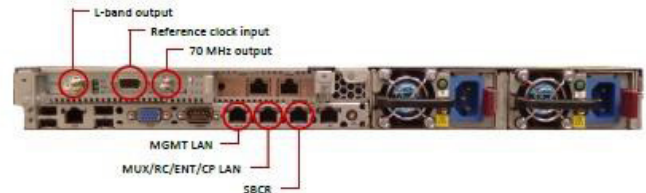


HX DNCC (Network Control Cluster)

High-performance, high availability, for enterprise networks and QoS

The HX DNCC is a high-performance return channel inroute processing server within the HX System featuring a very compact design and the capability to process Inroute MF-TDMA frames received over the space link. Designed to operate in the Hughes HX Systems, the DNCC is housed in a standalone server occupying one Rack Unit (RU) using Hughes proprietary software. The DNCC interfaces with other components, such as satellite gateway, Timing Unit, CDS, and IPGW in order to forward the inroute traffic to the enterprise LAN. The DNCC is responsible for bandwidth allocation and inroute frame synchronization with traffic optimization functions, such as congestion management, CBR load balancing, and header decompression. Each DNCC can process capacity in excess of 20 Mbps of user traffic across 32 inroute channels.

The HX System from Hughes, the world leader in satellite networking, is designed and optimized for small and mobile networks where the provision of high-quality and high-bandwidth links are the most important criteria. Building upon the heritage and capabilities of the more than 1.5 million broadband satellite terminals shipped by Hughes, the HX System incorporates many of the advanced features pioneered by Hughes, including integrated TCP acceleration and advanced IP networking features. Hughes' broadband satellite products are based on global standards approved by TIA, ETSI, and ITU, including IPoS/DVB-S2, RSM-A, and GMR-1.



Technical Specifications

| | |
|--------------------------|--|
| HPDL360 Gen8 | |
| Two Quad-Core Intel Xeon | |
| Windows Server 2008 | |
| Dimensions (IDU): | 1U enclosure for 19" rack |
| Operating Temperature: | 10° C to 35° C |
| Relative Humidity: | 10% to 80% noncondensing |
| Power: | 90 to 240 Volts AC |
| Agency Certification: | UL, FCC Part 15, and CE Mark RoHS-Compliant |

For additional information, please visit www.hughes.com or contact us at globalsales@hughes.com.