

C5500XK SmartNID

PRODUCT OVERVIEW

The C5500XK is an on-premise SmartNID device establishing an 'activation ready' experience for CenturyLink customers. The SmartNID delivers fiber termination inside the home, as well as network routing including DHCP/NAT, security, QOS, and LAN routing configuration.

An SC/APC Fiber connector enables connection to the CenturyLink Fiber network. A two-port gigabit Ethernet switch supports connectivity for an external WiFi system or wired LAN devices. Optionally, the C5500XK may be deployed using the versatile WAN/LAN port for WAN connectivity, enabling the secondary port as a dedicated LAN port.

The SmartNID is part of the CenturyLink network to enable fiber connectivity, improved diagnostic and activation support. The C5500XK will be installed for current subscriber use. The CenturyLink SmartNID will remain on-premise for subsequent homeowners or tenants to establish immediate service without the need for a technician appointment.



C5500XK SmartNID

Technical Specifications

TECHNICAL SPECIFICATIONS

- Dual-Core 1.3 GHz MIPS InterAptiv™ processor
- 512 MB DDR3 Memory, 512 MB Flash
- Fiber port — Plug in SC/APC Fiber connector for WAN connectivity
 - Single fiber bi-directional datalinks asymmetric
 - 2.18 Gbps Downstream/1.04 Gbps Upstream ONU application with MAC function with FEC enabled
- Two (2) 10/100/1000 Mbps Gigabit Ethernet ports - 1 WAN/LAN & 1 LAN
- IPv4, IPv6 Support
- Laser driver - Class B+, Minimum optical output power 1.5 dBm, max optical output power
- 5.0 dBm, Rx sensitivity -28 dBm
- Multi-color LED status
- Reset button

Security

- Standards-based SHA256 security
- Automatic firmware update delivers latest security patches to the router
- Secure boot

DIMENSIONS & WEIGHT

- Size: 1.5" (Height) x 5.12" (Width) x 7.09" (Length)

ENVIRONMENTAL

- Power: External, 12V DC, 1.5A

KEY FEATURES

- Network processor — 1.3 GHz dual-core InterAptiv processor provides a next generation packet offload engine that ensures smooth 4K UHD streaming
- Dynamic QoS – Prioritizes internet by application and device for a better internet experience