

**Industrial HSUPA** Ethernet Router

NTC-5908 / NTC-5909

**KEY FEATURES**

- 📶 Powerful industrial cellular router supporting various networks and service types UMTS/HSDPA/HSUPA & GSM/GPRS/EDGE
- 📶 Industrial rugged enclosure with wall mount option
- 📶 Wide operating temperature range
- 📶 Captive DC power terminal block
- 📶 Wide input voltage range 8-28V DC suitable for diverse environments and applications
- 📶 Web interface for easy centralized configuration and management from any PC
- 📶 One 10/100Base-TX port for Ethernet connections
- 📶 Supports SNMP with cellular specific MIB, PPPoE, RIP, VRRP, DDNS, NAT, DHCP/DHCP relay, DMZ
- 📶 System monitoring, remote diagnostics and configuration over the air, diagnostic log viewer via browser

Model Code/ Part Number	Description	APN Code
<b>NTC-5908</b>	NetComm CallDirect Series Industrial HSUPA Ethernet Router	9317773014280
<b>NTC-5909</b>	NetComm CallDirect Series Industrial HSUPA Ethernet Router	9317773014310

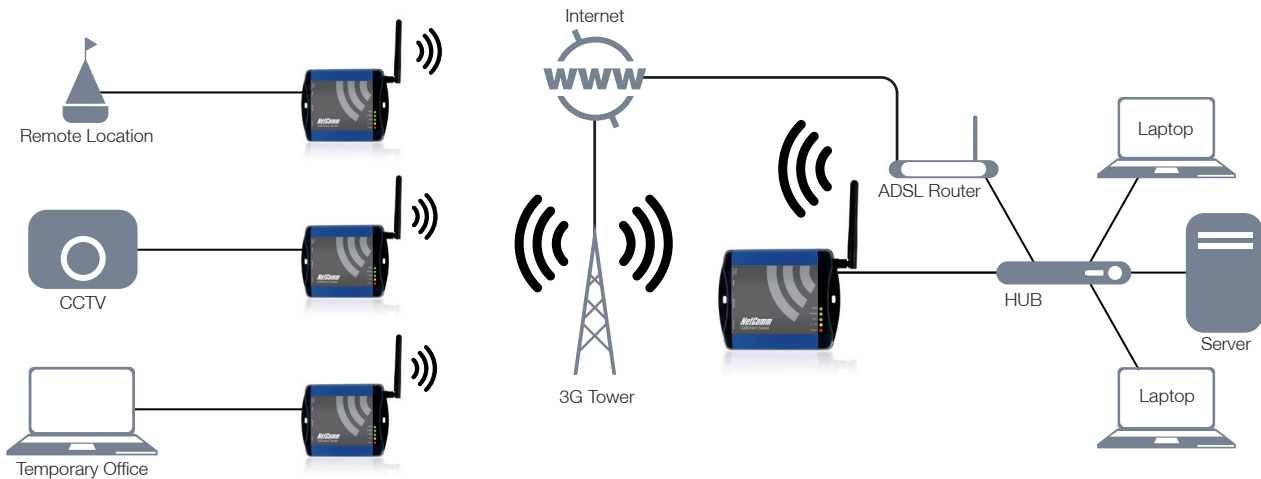
# Industrial HSUPA Ethernet Router

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The **NTC-5000 Series** allows you to build wide area networks utilising the superior speeds supported by 3G UMTS networks. Employing an embedded 3G module it offers downlink speeds of up to 7.2 Mbps and uplink speeds of up to 5.76 Mbps.

The **NTC-5000 Series** provides the user a point-to-point or point-to-multi-point communications link in a single compact and resilient unit. These powerful cellular network routers support all essential communication protocols, and meet the demands of today's WAN applications.

Designed with remote installation in mind the **NTC-5000 Series** supports system monitoring giving the user peace of mind that the device will keep the communication lines up and open.



## TECHNICAL SPECIFICATIONS

MODELS	NetComm NTC-5908	NetComm NTC-5909
CPU	Atmel AT91SAM9G20 Microcontroller (ARM9)	
MEMORY	8MB Flash / 32MB DRAM	
OPERATING SYSTEM	Embedded Linux	
MAXIMUM DATA SPEED	Downlink: 7.2Mbps, Uplink: 5.76Mbps	
3G DATA MODEM MODULE CHIPSET	Sierra Wireless MC8790V Qualcomm MSM6290	Sierra Wireless MC8792V Qualcomm MSM6290
UMTS/HSDPA/ HSUPA	Tri-Band 850/2100/1900 MHz	Tri-Band 900/2100/1900 MHz
GSM/ EDGE/ GPRS	Quad-Band 850/900/1800/1900 MHz	Quad-Band 850/900/1800/1900 MHz
CONNECTIVITY	1x 10/100Base-TX Ethernet RJ45 port with Auto MDIX	
SIM CARD READER	Mini SIM Card Reader Plug-in/Removal	
ANTENNA CONNECTORS	1x SMA-F	
LED INDICATORS	Power, Network Service Type, Tx/Rx Data Traffic, Data Carrier Connection, Network Signal Strength	
MANAGEMENT	SNMP, MIB, Web-based Management, System Monitoring, Diagnostic Log Viewer, Firmware Upgradeable via Browser	
ROUTING & OTHER FUNCTIONS	DHCP Server/Client/Relay, Static Route, DynDNS, NAT, DNS Masquerading, RIP, VRRP, PPPoE, PPP Dial-in and Dial-out Connections with PAP/CHAP Authorization, NTP, DMZ, NAT (port forwarding)	
VPN	VPN pass through	
OPERATING TEMPERATURE	-30°C to 70°C	
INPUT SUPPLY VOLTAGE	8 - 28 V DC	
STANDBY INPUT CURRENT	110mA @ 12V DC	
3G ACTIVE INPUT CURRENT	300mA @ 12VDC	
MAXIMUM INPUT CURRENT	560mA @ 12V DC	
DIMENSIONS & WEIGHT	127mm (L) x 103mm (W) x 29mm (D) 235g	
REGULATORY COMPLIANCY	A-Tick, RoHS	
PACKAGE INCLUDES	External Power Adapter with Captive Plug 100-240V AC to 12V DC/1.5A, Ethernet CAT-5E Cable, Quick Start Guide	