

Mobile / Cellular	<p>1-2 Multimode LTE, UMTS and GSM modules          LTE/4G FDD Bands: B1(2100), B2(1900), B3(1800), B5(850), B7(2600), B8(900), B20(800)          DC-HSPA+/UMTS/3G: B5(850), B8(900), B2(1900), B1(2100)          GSM/2G: B5(850), B8(900), B3(1800), B2(1900)          Data rates: LTE max. 100 Mbps downlink / 50 Mbps uplink (DC-HSPA+ 42/5.76)          - or - Multimode UMTS and GSM modules          UMTS/3G: B5(850), B8(900), B2(1900), B1(2100)          GSM/2G: B5(850), B8(900), B3(1800), B2(1900)          Data rates: max. 14.4 Mbps downlink / 5.76 Mbps uplink          Antenna connector: 2x SMA female supporting MIMO or standard antenna          SIM slots: 2 Mini-SIM ISO/IEC 7810:2003, ID-000</p>
WLAN / WiFi	<p>IEEE 802.11abgn up to 300 Mbps 2.4/5GHz MIMO          Access Point or Client          Max users in access point mode: WPA: 54, WPA2: 110          Antenna connector: SMA female, supporting one or two antennas</p>
Ethernet	5 port Ethernet switch, 10/100 Mbps, auto MDX - Connector type: RJ45
GPS	<p>GPS receiver with NMEA 0183 data stream, tracking sensitivity -154 dBm (typical)          Antenna connector: SMA female, support for active and passive antennas</p>
USB	USB 2.0 Host, connector type: USB A
Serial	Protocol: RS-232 3-wire - Connector type: 3 pins of the 13-pin terminal block
Digital I/O	<p>2 digital inputs, level 0 (not set): 0-4.0 VDC level 1 (set): 7.2-40 VDC          2 digital outputs, 0-60 VDC/1A, maximum switching capacity: 60 W          Connector: 8 pins of the 13-pin terminal block</p>
Dimensions, weight	Width 165/190mm x height 40mm x depth 104mm, approx. 600g
Power	Input voltage: 12V DC to 48V DC (- 25% /+ 20%; eff. 9-57,6V), max. power consumption: 6W
Environment	<p>Temperature range: -25 °C to +70°C          IP40 with SIM and USB covers mounted; MTBF 131'000h</p>
EMC standards	<p>EN55022:2010, EN 61000-6-3: 2007+A1:2012, EN 50121-3-2: 2006+AC:2008 (Emission)          EN55024:2010, EN 50121-3-2: 2006+AC:2008 (Immunity)</p>
Safety standards	EN60950-1:2006+A11:2009+A1:2010+A12:2011
Type Approvals	<p>CE according to directive 1995/5/EC (R&amp;TTE)          E1 according to Regulation No. 10          FCC according to 47 CFR, Part 15</p>
Order numbers	(contact sales for more models, options or project specific adaptations)
NB2700-U	UMTS Router
NB2700-U-G	UMTS Router + GPS
NB2700-UW-G	UMTS, WLAN Router + GPS
Nb2700-L-G	LTE Router + GPS
NB2700-LW-G	LTE, WLAN Router + GPS