

# Appendix A

## Technical Specifications

This appendix provides technical specifications for the NETGEAR 10/100/1000 Mbps Gigabit Ethernet Adapter GA311.

### Cable Specifications GA311 (10/100/1000BASE-T)

- Port type: 10/100/1000BASE-T
- Connector: RJ-45
- Media: CAT 5 UTP/CAT 5e UTP
- Maximum Distance: 325 feet (100 meters)

	<b>Note:</b> 1000BASE-T signaling requires four twisted pairs of Category 5 balanced cabling, as specified in ISO/IEC 11801:1995 and ANSI/EIA/TIA-568-A (1995) and tested for additional performance using testing procedures defined in TIA/EIA TSB95
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Standards Compatibility	IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3 10Base-T Ethernet IEEE 802.3u Auto Negotiation IEEE 802.1Q VLAN
GA311 Network Connection	RJ-45 connector for Category 5 UTP cable Full-duplex 2000 Mbps (1000 Mbps each way) Gigabit Ethernet
Host Connection	64 bit, 66/33 MHz PCI slot 32-bit, 33 MHz PCI slot PCI rev 2.2 or higher
DC Operating Voltage	+5V +/- 5%
Power Consumption	4.75 watts, maximum
Dimensions	5.53 x 2.30 in. (14.04 x 5.84 cm)
Weight	2.2 oz. (60 g)
Operating Temperature	0° to 55° C

Storage Temperature	-10 degrees to 70 degrees
Operating Humidity	10% to 90% noncondensing
Agency Compliance	FCC Class B, CE mark, VCCI, C-Tick
WOL Support	Remote Walk-up