

# Appendix A

## Specifications

This appendix summarizes the computer’s technical specifications.

### Physical Dimensions

Weight (typical)	2.26 kilograms, configured with: 14"XGA, 256MB RAM, 40GB HDD, DVD-ROM drive, modem, LAN (100M Bit), Wireless LAN, 6cell battery.  Weight will vary with other configurations. Above weights are measured at a specific criteria. They are not guaranteed as the maximum weight of the actual product.
Size	314 (w) x 260 (d) x 31.5/34.9(h) millimeters (not including parts that extend beyond the main body)

### Environmental Requirements

Conditions	Ambient temperature	Relative humidity
Operating	5°C (41°F) to 35°C (95°F)	20% to 80%
Non-operating	-20°C (-4°F) to 65°C (149°F)	10% to 95%
Thermal Gradient	20°C per hour maximum	
Wet-bulb temperature	26°C maximum	
Conditions	Altitude (from sea level)	
Operating	-60 to 3,000 meters	
Non-operating	-60 to 10,000 meters maximum	

***Power Requirements***

<b>AC adaptor</b>	100-240 volts AC
	50 or 60 hertz (cycles per second)
<b>Computer</b>	15 VDC
	5.0 amperes

**Built-in Modem**

Network control unit (NCU)		
Type of NCU	AA	
Type of line	Telephone line (analog only)	
Type of dialing	Pulse	
	Tone	
Control command	AT commands	
	EIA-578 commands	
Monitor function	Computer's speaker	
Communication specifications		
Communication system	Data:	Full duplex
	Fax:	Half duplex
Communication protocol	Data	
	ITU-T-Rec	V.21/V.22/V.22bis/V.32
	(Former CCITT)	/V.32bis/V.34/V.90
	Bell	103/212A
	Fax	
	ITU-T-Rec	V.17/V.29/V.27ter
(Former CCITT)	/V.21 ch2	

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**Network control unit (NCU)**

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<b>Communication speed</b>	Data transmission and reception 300/1200/2400/4800/7200/9600/12000/14400/ 16800/19200/21600/24000/26400/28800/31200/ 3600 bp Data reception only with V.90 28000/29333/30666/32000/33333/34666/36000/ 37333/38666/ 40000/41333/42666/44000/45333/46666/48000/ 49333/50666/ 52000/53333/54666/56000 bps Fax 2400/4800/7200/9600/12000/14400 bps
<b>Transmitting level</b>	-10 dBm
<b>Receiving level</b>	-10 to -40 dBm
<b>Input/output impedance</b>	600 ohms $\pm 30\%$
<b>Error correcting</b>	MNP class 4 and ITU-T V.42
<b>Data compression</b>	MNP class 5 and ITU-T V.42bis
<b>Power supply</b>	+3.3V (supplied by computer)

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