

Specifications



Performance Specifications

Table C-1 Performance Specifications

Feature	Specification
SBus clock	25 MHz max
SBus data burst transfer rate	100 Mbytes/sec max
SBus sustained transfer rate	80 Mbytes/sec max
SCSI synchronous transfer rate	10/20/40 Mbytes/sec max
SCSI asynchronous transfer rate	≤14 Mbytes/sec max
Transfer size	4 Gbytes max
SBus data/address lines	D (31:0)/PA (21:0)
SBus modes	Master/Slave
Capacitance per SBus signal line	≤ 20 pF
SCSI interface	SBus Wide Intelligent Ultra SCSI Differential (UDWIS/S) host adapter
SCSI parity support	Yes
SCSI 8-bit bus devices	Yes
SCSI 16-bit bus devices	Yes
SCSI bus parity	Yes

Power Specifications

Table C-2 Power Specifications

Specification	Measurement
Power Consumption	10.5 watts average (15 watts max)
Operational Current	2.1amps average (3.0 amps max)
Voltage Tolerance	+/- 5%
Ripple	≤ 100 mV

Physical Dimensions

Table C-3 Physical Dimensions

Dimension	Measurement
Length	5.776 in. (146.70 mm)
Width	3.3 in. (83.82 mm)
Component clearance	0.603 in. (15.31 mm) max
Weight	< 1 lb. (0.45 kg)

Safety

The UDWIS/S host adapter card meets the requirements of the following safety standards.

Table C-4 Safety

Agency	Standard
CSA	C 22.2, No. 950 – M89
UL	1950
TUV	EN 60950

Environmental Specifications

Table C-5 Environmental Specifications

Condition	Operating Specification	Storage Specification
Temperature	0 to 55°C (+32 to +131°F)	-40 to 75°C (-40 to +167 °F)
Relative Humidity	5 to 95% non-condensing (45° C, wet bulb temperature)	0 to 95% non-condensing 10°C /hour
Altitude	-1000 to +15,000 ft	-1000 to +50,000 ft
Shock	10g, 1/2 sine wave, 11 msec	60g, 1/2 sine wave, 11 msec
Vibration, pk to pk displacement	0.005 in. max (5 to 32 Hz)	0.1 in. max (5 to 17 Hz)
Vibration, peak acceleration	0.25g (5 to 500 Hz)	0.25g (5 to 500 Hz)
	(Sweep Rate = 1 octave/min)	(Sweep Rate = 1 octave/min)

Electromagnetic Compatibility

The UDWIS/S host adapter card meets the requirements of the following EMC regulations.

Table C-6 Electromagnetic Compatibility

Agency	Regulation
FCC	47CFR, part 15, Subpart J, Class B EN55022 Class B (CIS PR22)
DOC	CSA C108.8 Class B
VCCI	Class 2 (=CIS PR22)

Electrical Immunity

The UDWIS/S host adapter card meets the requirements of the following immunity standards.

Table C-7 Electrical Immunity

Agency	Specification
IEC 801-2	Electrostatic discharge
EC 801-3	Radiated electromagnetic fields
EC 801-4	Fast transients/burst
EC 801-5	Surge