

Table 2: Exadata Cloud@Customer X8M Environmental Specifications

Metric	Full Rack	Half Rack	Quarter Rack	Base System
Height	78.74" (2000 mm)			
Width	23.66" (601 mm)			
Depth	47.13" (1197 mm)			
Acoustic noise (operating)	9.5 B	9.3 B	9.1 B	9.1 B
Weight	1946.3 lb (882.8 kg)	1301.7 lb (590.4 kg)	987.4 lb (447.9 kg)	958.7 lb (434.8 kg)
Maximum power usage	18.1 kW (18.5 kVA)	9.9 kW (10.1 kVA)	5.7 kW (5.8 kVA)	4.5 kW (4.6 kVA)
Typical power usage ¹	12.7 kW (13.0 kVA)	6.9 kW (7.0 kVA)	4.0 kW (4.1 kVA)	3.2 kW (3.2 kVA)
Cooling at maximum usage	61,896 BTU/hour	33,657 BTU/hour	19,538 BTU/hour	15,496 BTU/hour
	65,301 kJ/hour	35,509 kJ/hour	20,613 kJ/hour	16,349 kJ/hour
Cooling at typical usage	43,327 BTU/hour	23,560 BTU/hour	13,677 BTU/hour	10,847 BTU/hour
	45,710 kJ/hour	24,856 kJ/hour	14,429 kJ/hour	11,444 kJ/hour
Airflow at maximum usage ²	2866 CFM	1558 CFM	905 CFM	717 CFM
Airflow at typical usage ²	2006 CFM	1091 CFM	633 CFM	502 CFM

Operating temperature/humidity: 5 °C to 32 °C (41 °F to 89.6 °F), as measured by an industry grade temperature measurement device directed at the front bezel of the servers, 10% to 90% relative humidity, non-condensing
 Altitude Operating: Up to 3,048 m, max. ambient temperature is de-rated by 1° C per 300 m above 900 m
¹ Typical power usage varies by application load.
² Airflow must be front-to-back.

Table 3: Exadata Cloud@Customer Regulations and Certifications

Regulations ^{1,2,3}	Product Safety:	UL/CSA 60950-1, EN 60950-1, IEC 60950-1 CB Scheme with all country
	Emissions:	FCC CFR 47 Part 15, ICES-003, EN55032, EN61000-3-11, EN61000-3-12
	Immunity:	EN55024
Certifications ^{2,3}	North America (NRTL), European Union (EU), International CB Scheme, HSE Exemption (India), BSMI (Taiwan), CCC (PRC), EAC (EAEU including Russia), RCM (Australia), VCCI (Japan), Mexico, KC (Korea)	
European Union Directives ³	2014/35/EU Low Voltage Directive, 2014/30/EU EMC Directive, 2011/65/EU RoHS Directive, 2012/19/EU WEEE Directive	
¹ All standards and certifications referenced are to the latest official version at the time the data sheet was written.		
² Other country regulations/certifications may apply.		
³ In some cases, as applicable, regulatory and certification compliance were obtained at the component level.		

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