



DXN MODULES

Our turnkey prefabricated modular data centre solutions are scalable, purpose-built and rapidly deployable for customers globally with full maintenance and support.

DATASHEET

DXN Module Type	DXN Module A2	DXN Module A1	DXN Module B1
Floor Space in sqm	56sqm	28sqm	14sqm
Max No of Racks	29	18	9
External Dimensions	12.2m (L) x 4.88m (W) x 2.9m (H)	12.2m (L) x 2.44m (W) x 2.9m (H)	6.06m (L) x 2.44m (W) x 2.9m (H)

Structural

Cladding Options	Aluminium or stone finish
Corrosion Standards	C3 (Standard), C4, C5 & CX options available
Tier Level	Tier I up to Tier IV (standard designs based on Tier III Concurrent Maintainability)
Seismic	Standard Zone 3 (options available for Zone 4 and 5)
Stairs/Ramps	Optional
Flooring	Raised pedestal or anti-static vinyl flooring
Thermal Insulation	R-Value from 2.37 up to 5.13
Cable Entry	Roxtec G Transit IP66 rated gland plates for all cable entry points
Cable Trays	LAN cable tray
Cable Trays	Fibre optic tray with spill-over for each rack
Lighting	LED Lighting

Fire Protection	Fire Rating	120/120/120 (standard) 60/60/60 (optional)
	Fire Suppression System	Stat-X, Argonite, FM200, Novec1250
	Smoke Detectors & VESDA	Smoke detectors as standard and optional early warning detection system
Cooling	Cooling Methods	Direct expansion, chiller, free-air, indirect free-air
	Cooling Distribution	Perimeter, in-row, wall mounted, rack mounted, top mounted
	Cooling Containment	Hot/Cold aisle containment
Power	UPS System	1kW up to 600kW per UPS, paralleled up to 4.8MW
	DC System	48V DC system
	Inverter System	1.5kVA modular to 30kVA
	Power Distribution	Power distribution to racks using cables, busbar options also available
	Transformer	Dry type
	HV Switch Gear	11kV or 33kV
	Low Voltage Switch Gear	380-415V up to 6300A
	ATS	Automatic Transfer Switch with integrated control panel
	Genset	Single or synchronized system
	Power Quality Metering	Available for all sizes from 10A to 6300A
Rack PDU	Basic/Metered/Monitored rack PDU	
Monitoring & Management	BMS/DCIM	DXN Big Brother - fully integrated BMS/DCIM platform
	EMS	Environment Monitoring System to monitor temperature & humidity
Security	Access System	Card/Keypad/Biometric
	CCTV	Indoor/Outdoor/PTZ/IR/Remotely Operated cameras with analytics