DATACOM

DM8630
NETWORK APPLIANCE

DATASHEET

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NETWORK APPLIANCE FOR CLOUD BASED ENTERPRISE NETWORKING

The DM8630 product family if the ideal solution for branch office networking on a virtualized cloud based IT environment, enabling the virtualization of network functions, like SD-WAN, through a complete portfolio of appliances based on Intel® x86 processors.

The DM8630 is an easy-to-install desktop form factor appliance with six Gigabit Ethernet electrical interfaces and with hardware architecture based on next-gen Intel® Atom® C3000 processors. Models with different processing, memory and storage capacities are available, providing a complete appliance solution for any virtualized enterprise access applications.

The appliances are based on a compact metallic enclosure with integrated AC/DC full range power supply with automatic selection and additionally an optional 12V DC input power for redundancy applications through an external power supply. The product also have two USB interfaces and a RJ45 based console interface.

- Compact design with high strength metal cabinet

- 6 Gigabit Ethernet Electrical Interfaces

- Two USB interfaces and one RJ45 console interface

- Set of different models with processor, RAM memory and storage variations, to optimize the solution for different virtualized applications

- Trusted Platform Module (TPM) support for applications that require advanced levels of security

- Integrated AC/DC full-range with automatic selection and DC input for an optional redundant external power source

TECHNICAL SPECIFICATIONS

		DM8630 6GT
PLATAFORM	Processor	Intel Atom C3000 2 Cores and 4 Cores
	BIOS	AMI
	RAM memory	4GB, 8GB or 16GB
	Flash Storage Memory	16GB to 128GB
	Trusted Platform Module (TPM)	Yes
	AES-NI / VT-x / VT-d instructions	Yes
	SR-IOV support	Yes
	Quick Assist	Yes
HARDWARE CHARACTERISTICS	AC/DC Power Input	AC (100 to 240V 50/60Hz) and DC (48 - 60Vdc)
	DC Power Input	12Vdc
	Operation Temperature	0°C to 45°C
	Relative Humidity	10% to 90%, non-condensing
	Altitude	0 to 3000m
	Storage Temperature	-20°C to 70°C
	Storage Relative Humidity	10% to 90%, non-condensing
	Dimensions	43 x 189 x 191mm (H x W x D)
	Weight	1,3 kg
INTERFACES	10/100/1000Base-T (RJ45)	6
	USB	2 Cores: 1x USB 2.0 + 1x USB 3.0 4 Cores: 2x USB 3.0
	Console (RJ45)	1

MODELS

Model	Processor	Cores	Cache	RAM	Storage	TPM
DM8630 6GT – C2RE4M16T *800.5221.xx*	Atom C3308	2	4MB	4GB DDR4 ECC	16GB	Sim
DM8630 6GT – C2RE4M32T *800.5223.xx*	Atom C3308	2	4MB	4GB DDR4 ECC	32GB	Sim
DM8630 6GT – C2RE4M64T *800.5208.xx*	Atom C3308	2	4MB	4GB DDR4 ECC	64GB	Sim
DM8630 6GT – C4RE4M16T *800.5222.xx*	Atom C3558	4	8MB	4GB DDR4 ECC	16GB	Sim
DM8630 6GT – C4RE8M32T *800.5224.xx*	Atom C3558	4	8MB	8GB DDR4 ECC	32GB	Sim
DM8630 6GT – C4RE8M64T *800.5209.xx*	Atom C3558	4	8MB	8GB DDR4 ECC	64GB	Sim
DM8630 6GT – C4RE16M64T *800.5241.xx*	Atom C3558	4	8MB	16GB DDR4 ECC	64GB	Sim
DM8630 6GT – C4RE8M128T *800.5210.xx*	Atom C3558	4	8MB	8GB DDR4 ECC	128GB	Sim

OPTIONAL ACCESSORIES

Item	Description	
MA-01 Adaptor 800.0141.xx	1U mechanical adaptor for 19 inches standard rack installation (adapter allows up to two DM8630 units installed side-by-side)	
External Power AC 820.8008.xx	Optional AC External power supply with 12Vdc output for redundant power supply applications.	

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