

Dell Edge Gateway Configurations

KOD-GW5000-4-032-IOT-K, for Dell Edge Gateway 5000 (commercial)

KOD-GW5000-8-256-IOT-K, for Dell Edge Gateway 5000 (commercial)

KOD-GW5100-8-256-IOT-K, for Dell Edge Gateway 5100 (industrial)

Niagara 4 Configurations

KOD-N4P-0005-00250-K

KOD-N4P-0010-00500-K

KOD-N4P-0025-01250-K

KOD-N4P-0100-05000-K

KOD-N4P-0200-10000-K

KOD-N4P-0500-25000-K

KOD-N4P-1000-50000-K



Dell Edge Gateway hardware and Niagara 4 licenses are sold separately. Each of the three Edge Gateway configurations can work with any of the seven Niagara 4 license options. Choose the ones that work best for you based on your needs for commercial or industrial applications, amount of memory needed and the number of connected devices. For help determining the Edge Gateway and Niagara 4 licenses that are right for you, contact our support team at kodaro.com/support.

Product Highlights

- Server supervisor and control engine in one
- Incredible storage capacity
- Full Niagara integration
- End-to-end security
- Local and remote management
- Designed for commercial and industrial applications
- Cloud ready

Description and Application

With Kodaro's Niagara port for the Dell Edge Gateway, building IoT networks can plug directly into the Dell Edge Gateway to operate Niagara 4 in an integrated building ecosystem. The powerful Dell Edge Gateway with Intel Atom processor allows for capacity to process analytics locally on the machine. Kodaro's software and the IoTium operating system, plus the Intel TPM chip enables the highest level of security for remote access and data transfer.

Dell Edge Gateway Product Specifications

	KOD-GW5000-4-032-IOT-K	KOD-GW5000-8-256-IOT-K	KOD-GW5100-8-256-IOT-K
Dell Edge Gateway Model	Edge Gateway 5000	Edge Gateway 5000	Edge Gateway 5001
Environmental	Operating temperature 0°C to 50°C; Relative humidity 5% to 95% non-condensing	Operating temperature 0°C to 50°C; Relative humidity 5% to 95% non-condensing	Operating temperature -30°C to 70°C; Relative humidity 5% to 95% non-condensing
Dimensions	229 mm wide x 216 mm high x 64 mm deep (9 in x 8.5 in x 2.5 in)	229 mm wide x 216 mm high x 64 mm deep (9 in x 8.5 in x 2.5 in)	229 mm wide x 216 mm high x 75 mm deep (9 in x 8.5 in x 2.9 in)
Processor	Intel CPU E3825 1.33GHz 2 cores	Intel CPU E3827 1.75GHz 2 cores	
Operating System	IoTium	IoTium	IoTium
Memory	2G (4x256x16 DDR3L) 1067MHZ	8G (8x512Mx16 DDR3L) 1333MHZ	4G (8x256Mx16 DDR3L) 1333MHZ
Hard Drive	Solid-state drive (m.2 form factor): 32 GB	Solid-state drive (m.2 form factor): 256 GB	Solid-state drive (m.2 form factor): 256 GB
Form Factor	Fanless design. Optimized for wall and DIN-rail mounting.		Fanless design. Optimized for wall and DIN-rail mounting. Designed for industrial conditions.
Security	Intel's Trusted Platform Module (TPM) v2.0; Secure Boot, BIOS password and I/O port disablement. Chassis intrusion alert via optional rugged enclosure.		
Warranty & Service	Limited hardware warranty with mail-in service to Dell.		
Wireless	802.11n LAN card		
Accessories	Phoenix adapters for Edge Gateway 5000 series (4 plugs)		Phoenix adapters for Edge Gateway 5100 series (4 plugs)
Mounting Bracket	DIN rail mount for Edge Gateway 5000 series main CPU module		DIN rail mount for Edge Gateway 5100 series
Video	One HDMI port		
Power Input	Nominal input 24V AC/DC (18-26.4V), 4.0 Amps. Optional expansion power module. Also accepts standard Dell notebook AC adapter, 65W, 7.4mm plug		

Niagara 4 License Specifications

	Number of Open Protocol Devices	Number of Open Protocol Points
KOD-N4P-0005-00250-K	5	250
KOD-N4P-0010-00500-K	10	500
KOD-N4P-0025-01250-K	25	1,250
KOD-N4P-0100-05000-K	100	5,000
KOD-N4P-0200-10000-K	200	10,000
KOD-N4P-0500-25000-K	500	25,000
KOD-N4P-1000-50000-K	1,000	50,000