

SNAPconnect E20

SNAP-Enabled Gateway

The **SNAPconnect E20 Gateway** is a powerful, versatile, and rugged IoT gateway. With SNAP® built-in, applications can provide network aggregation and services on-site, or connect to an Internet/cloud service via Wi-Fi or wired Ethernet.

TCP/IP connections can even bridge remote SNAP devices into one common network, an effective method for centralizing data storage, performing web-based analytics, and monitoring remote applications.

Powered by Freescale's i.MX 6 processor, the E20 has ample computing power, reliable connectivity options, and a hardened industrial temperature range design making it the ideal networking gateway for large-scale IoT deployments.

Standard model configurations feature Synapse SM220 and Molex-type/ barrel power connectors:

SC020-010	SNAPconnect E20 Internet gateway, Wi-Fi, SM220 2.4GHz, 11-26VDC, FCC/ISED
SC020-030	SNAPconnect E20 Internet gateway, Wi-Fi, SM220 2.4GHz, 11-26VDC, CE
AC020-001	AC Power Adapter, 100-240VAC input, 12VDC output, 15W, North America blades
AC021-001	DIN rail mount kit for E20

Features:

- SNAPconnect ready
- Ubuntu Linux pre-loaded
- Freescale i.MX 6 featuring ARM® Cortex-A9 architecture (800 MHz)
- 4GB NAND Flash
- 512MB DDR3 RAM
- SNAP mesh enabled (2.4GHz, IEEE 802.15.4)
- Wi-Fi networking (2.4GHz, IEEE 802.11 b/g/n)
- 10/100 Ethernet port
- USB 2.0 Type-A (host)
- USB Micro-B (serial)
- Models with FCC/ISED/cULus and CE certifications
- -40°C to +70°C operating temperature (UL certified for +65°C maximum operating temperature)



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