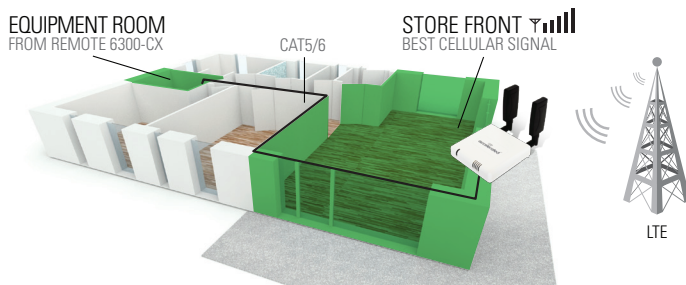# accelerated ™

A **DIGI** COMPANY

6300-CX

LTE Router

Get Connected and Stay Connected with Primary or Backup Cellular

Being connected is everything in today's data-driven economy. Eliminating downtime is essential to maximize productivity, support critical business applications, and avoid outages and disruptions that can impact sales, customer service, brand reputation and compliance.

EQUIPMENT ROOM
FROM REMOTE 6300-CX   CAT5/6

STORE FRONT
BEST CELLULAR SIGNAL

LTE

Site survey using the included battery will help you locate the best signal strength to send back to your router while remotely powering using the included PoE injector.

Improve Business Continuity with 4G LTE Cellular Network Extenders

Accelerate your connectivity solutions and eliminate downtime with the Accelerated 6300-CX LTE Router as a primary or backup cellular connection. The 6300-CX LTE Router is a compact, affordable and high-performance device that is compatible with most 2 WAN port routers in order to provide better reliability from your existing equipment with minimal installation time and cost. The 6300-CX LTE Router comes with a Carrier Certified embedded cellular modem for 4G LTE and 3G connectivity.

IDEAL FOR: Enterprise, Retail, Small & Medium Sized Business

Use 4G LTE Wireless WAN as a Primary WAN Connection

The Accelerated 6300-CX LTE Router is the perfect solution that allows any Ethernet connected device to utilize cellular wireless data for primary connectivity at any location. Ensure maximum uptime and performance with the flexibility to deploy solutions in any location where you need quick, easy, reliable connectivity at a much lower cost than traditional Internet connections. The 6300-CX's compact size and built-in firewall eliminate the need for additional equipment and make the 6300-CX LTE Router is an ideal solution using cellular as your primary WAN connection.

IDEAL FOR: Digital Signage, Mobile Kiosk, ATM Machine, Small Branch Office, Temporary Office, Retail Point of Sale

Engineered for Easy & Optimal Installation

The Accelerated 6300-CX LTE Router ships with a temporary battery pack that can be used to perform a site survey to identify an ideal mounting location with optimal signal strength. The included PoE cable and extensive mounting hardware facilitate rapid installations.

KEY FEATURES

- LTE Certified embedded cellular modem
- Compact size (4.3 x 4.3 x 1 inches)
- M2M solution
- Branch office or retail solution
- Optimal signal strength placement
- Enterprise ready

BENEFITS

- Included battery for site survey to identify optimal signal strength placement
- Lower cost than additional or replacement equipment
- Connects any Ethernet device to cell network
- Secondary failover WAN link to improve continuity
- LTE Certified embedded cellular modem
- Neutral color and included mounting hardware ideal for branch office and retail locations
- PoE Cable to remotely power
- Accelerated View for central cloud-managed facilitates rapid deployment and management of large networks

INDUSTRY

- Retail Chains
- Distributed Enterprise
- ISP / Telecom
- Managed Services
- M2M & IOT applications including: Kiosks, POS, ATM, Digital Signage, smart connected devices, Healthcare

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accelerated™
A DIGI COMPANY

CONSISTENT, RELIABLE, SCALABLE

Technical Specifications

LAN	1 Ethernet Port 10/100 Base-T (RJ-45)
ANTENNA	2 Dipole; Frequency: 700-960/1575-2700 hz; Gain: 1-4 dBi; Dimensions: 14 x 35 x 122mm
SIM	1 SIM Card Slot (Size 2FF)
CELLULAR	LTE, HSPA+, HSPA, EDGE, GPRS and GSM (CDMA on select models)
POE	Passive PoE (Remote Power) Using Included Injector Cable*
POWER SUPPLY	15V DC, 800mA; 100-240 AC
TEMPORARY BATTERY	9V DC Alkaline
LEDS	1 Tri-color and a 5 Signal Cellular Strength LED
DIMENSIONS	4.30 x 4.33 x 1.0 Inches (109 x 109 x 25 mm)
WEIGHT	7.5 Ounces (0.21 Kgs)
TEMPERATURE	32° F to 104° F (0° C to 40° C) Operating
CERTIFICATIONS	FCC Part 15, Subpart B, Class B; CE, C-Tick/RCM; CAN ICES-3(B)/NMB-3(B)
CELLULAR CERTIFICATIONS	PTCRB, Verizon, AT&T, Bell Canada, T-Mobile (North American SKUs); GCF (EU SKU)
SKUS	ASB-6300-CX01-OUS - US, Canada and Mexico
	ASB-6300-CX02-OUS - EV-DO version for US, Canada and Mexico
	ASB-6300-CX03-GLB - Asia, Europe, Middle East and Africa

*Tested at 300 feet on CAT6 and 250 feet on CAT5e. The condition of your cabling and the number of splices will impact actual distance.

WAN
- All mobile technologies (LTE/4G/3G/UMTS/HSPA/...)
- Advanced Modem Management Software
- Automatic self-configuration for most Carrier/SIM combinations
- Comprehensive local Web UI for diagnosis and configuration for unusual deployments
- Network pass-through operation
- OOB management and recovery using secure SMS

SOFTWARE
- Designed from the ground up to be centrally or locally managed
- Extensive configuration allows complete customization
- Local WebUI and Accelerated View cloud management provide full access to all configuration and diagnostics
- User friendly CLI with tab completion and smart help
- Smart configuration migration to latest releases
- Remote firmware upgrades
- Modem firmware update capabilities
- Rapid security updates and regular firmware releases
- Automatic Location services
- Accelerated View cloud management (configuration, reporting, alerts, usage, support)
- Accelerated View cloud management map based status summary for quick overview

FIREWALL
- Fully configurable stateful firewall
- Port forwarding
- Blocking / Filtering
- NAT / Pass-through / Routed

NETWORK
- IPv4
- IPv6

SECURITY
- AES, 3DES
- IKEv1 / IKEv2, MODECFG, X509
- Interop with a large range of networking equipment.
- Support for legacy cryptographic interconnects (SHA1, DES, MD5) if needed
- All services can be configured to allow comprehensive lockdown
- RADIUS, TACACS+
- IPsec - no artificial tunnel count limits

aView™ Cloud Network Management

Like all Accelerated products, you can centrally manage the Accelerated 6300-CX with our cloud-based management portal, Accelerated View™. This secure portal allows you to rapidly deploy and manage a large number of remote locations. From Accelerated View, you can remotely monitor, configure and update single devices or groups of Accelerated 6300-CXs.
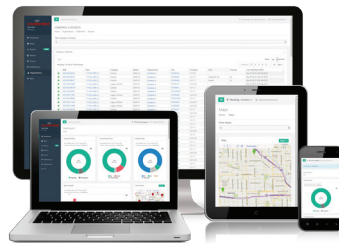
Accelerated 6300-CX is also engineered to handle the unexpected. In the unlikely event of lost cellular data connectivity to your Accelerated 6300-CX, you can avoid costly on-site service technician visits by recovering the device Out-of-Band using an encrypted SMS control system: Accelerated Emergency Remote™.

Accelerated View™ features:
- Hardened data center
- IPSec secure communication
- Zero touch provisioning
- Unlimited scalability
- 100% control and security

Certified data center:
- SOC1
- SOC2
- PCI-DSS
- HIPAA

Extended Maintenance & Support
Phone and Email support and product replacement & firmware updates while under extended maintenance