

ASTRADRIVE

AstraMUX-GE6

PRODUCT DATASHEET

AstraMUX-GE6 is an industrial switch for mobile projects, providing connectivity and traffic balancing in the backhaul part of the network.



AstraMUX-GE6 supports brand new software modifications, new algorithms and DRIVE network technology for aggregation and quick switching of the moving objects.

This compact, rugged switch with Intel® Atom™ processing power and six Ethernet ports ensures uninterrupted connectivity between fixed wireless equipment and fibre backhaul without the need for media converters.

Network interfaces

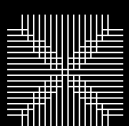
6x RJ45 Gigabit Ethernet

Mounting options

Desktop

Processor

Intel® Atom® C3708 (Denverton)



Astrawireless

Manufacture: ASTRA WIRELESS TECHNOLOGY FZ-LLC
Brand: ASTRAWIRELESS

TECHNICAL SPECIFICATION

Network interfaces	6x RJ45 Gigabit Ethernet
Interface speed	10/100/1000 Mbps
Ethernet controller	RJ45 Intel® SoC Integrated MAC
Dimensions and weight	310 x 240 x 44 mm, 3 kg
Mounting options	desktop
Power consumption	up to 36W
Power options	- 90-240 VAC ~ @ 50/60 Hz - 12V, 5A, 9~54V DC
Serial Port	1x Mini USB
Cooling	processor: passive CPU heatsink system: fanless design with corrugated aluminum



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Astra Wireless Technology FZ-LLC T1-4F-63,
RAKEZ AMENITY CENTER AL HAMRA
INDUSTRIAL ZONE-FZ RAK, UAE

TECHNICAL SPECIFICATION

Processor Option	Intel® Atom® C3708 (Denverton)
Core Number	8
Chipset	SOC
System memory	technology: DDR4 up to 2400MHz ECC maximum capacity: 64 GB socket: 2 x 260-pin SODIMM
Operating temperature	from -40°C to +60°C
Humidity	5%~95% RH
Internal RTC with Li Battery	Yes
Watchdog	Yes
Standard compliance	RoHs, CE / FCC Class A, UL



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NETWORKING FEATURES



Switching

- Full-fledged 2nd layer switch
- VLAN 802.1Q, 802.1ad
- IGMP Snooping
- MAC/IP filtering, L2/L3 Firewall
- STP, RSTP support



Routing

- ARP protocol support
- NAT (multipool, H.323-aware)
- DHCP client/server/relay
- ODR routing protocol
- RIPv2 / OSPFv2 /static routing
- Ethernet-over-IP and IP-over-IP tunnels



Quality of Service

- IEEE 802.1p, IP TOS/DiffServ support
- 17 priority queues
- Full voice support
- Auto priority of multicast
- Traffic limiting (absolute, relative)



Own network infrastructure

- Proprietary MINT network protocol
- Pseudo-radio interface

MANAGEMENT AND SECURITY



Management features

- Various Management Protocols: HTTP, HTTPS, SSH, Telnet, SNMP v1/2c/3 (MIB-II and proprietary MIBs)
- Graphical User Interface
- Automatic software update
- Online monitoring with proprietary EMS NEXT



Safety & Security

- Storm/flood protection
- Password protection
- Secure CLI access via SSH protocol
- AES-128/256 (pending)



LED Indication

- Power status , interface status and speed, storage

