ArroPoint Type 3 - Datasheet

Specification

Components	ArroPoint 3
ProcBessor	Broadcom BCM2711 Quad Core-A72 64-bit SoC@1.5GHz
Real Time Clock	Yes
Memory	1/2/4Gb depending on application requirements
Storage	128/256GB SSD depending on application requirements
Wireless	Wi-Fi 802.11 b/g/n/ac @ 2.4/5 GHz Bluetooth 5.0, BLE
Networking	Gigabit LAN x1
USB	USB 2.0 Type-A x2
Video Interfaces	HDMI2.0: Up to 4k @ 60Hz
Slots	Nano SIM Card Socket, 2 x DI (Isolated), 2 x DO (Isolated), 1 RS485 (Isolated), 1 RS232
Operating Temp	-20°C to +60°C
Power	DC Jack 12-36V
Dimensions	124mm x 76mm x 35mm
Certifications	FCC, CE
Modem	Internal 4G
SIM	Telstra SIM/account included in ArroSuite hosting fees
Options	LoRaWAN
Communications Protocols & Connections	ArroPoint devices can connect to multiple devices via Ethernet, Serial, USB, USB to Serial, LoRaWAN, or CANBus to a wide variety of standard industrial communications protocols including Ethernet/IP, OMRON FINS, S7, Modbus TCP/IP, MC Protocol, REST, MQTT, Schneider Powertag, Profinet, CAN and many others. Additional custom drivers can also be developed upon request. Application connections via API, ODBC, SQL, MongoDB, MariaDB, InfluxDB. We'd be pleased to discuss integration with your specific ERP/Scheduling/CMMS systems further.
ArroPoint Marquee	ArroPoint devices can also connect to other ArroPoints to provide a web page marquee service to a dedicated screen. The ArroPoint Marquee can be VESA mounted directly onto the screen.

Software*

The pre-loaded ArrowPoint configuration web interface to enables easy storage and retrieval of device profiles to ArroCloud, including connected devices, tags, communications protocols, etc. – enabling rapid deployment to multiple similar sites.

One LAN is typically configured for an industrial communication subnet, while a 2nd virtual LAN is typically for local computer network/service connection.

WiFi Access is exclusively for ArroTek technical support and not enabled for other purposes.

*NB: ArroPoints are dedicated devices not intended for use outside a configured ArroSuite service.
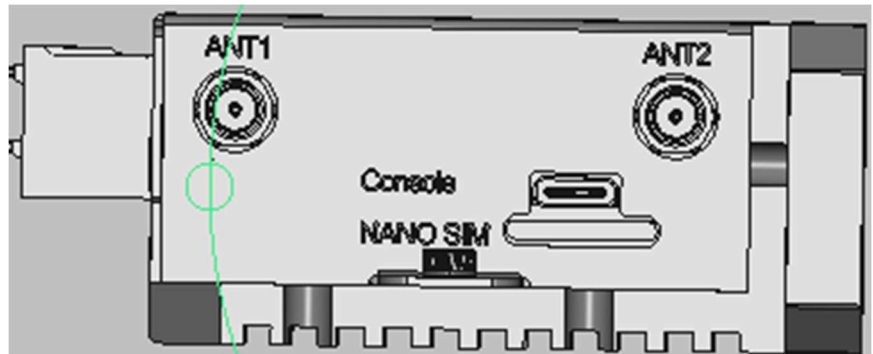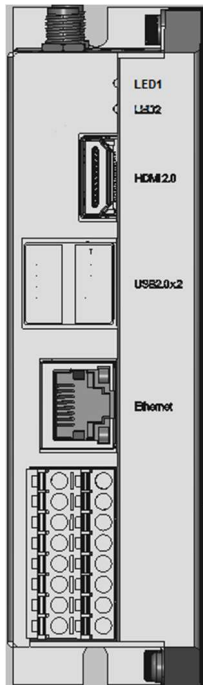
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➤ Connections

➤ ArroPoint 3 Din Rail Mount