



JET CONNECTIVITY
Extending Horizons

JET-V3A

IAB Node

Engineered for diverse applications, the **JET 5G gNodeB V3-A** redefines connectivity in demanding environments. With advanced, in-house developed Integrated Access Backhaul (IAB) for node meshing, the **V3-A** offers unparalleled flexibility and scalability, ensuring seamless communication over 5G even in challenging terrains.

A lightweight and modular design allows for simple integration into existing operations over a range of frequency options, whilst setting new standards in 5G connectivity.



Seamless,
Multi-hop 5G

Robust & Resilient
comms

Enhanced Flexibility
& Scalability



JET-V3A Specifications

General Specification

Model Number	JET-PBS-V3-A
Available Colours	White/Black
Physical Dimensions (mm)	311 (l) x 274 (w) x 148 (h)
Mass (kg)	9
Mounting Options	Anti-Vibration Mounts, M10

Connectivity

Frequency Range	600Mhz to 6Ghz (Set bands available)
RF Bandwidth	Up to 100Mhz
FPGA	2 x Xilinx Spartan-6 XC6SLX150
Communication Standards	5G, LTE, WLAN, GPS

Hardware Specification

Processor	AMD Ryzen R-6800H
Memory (RAM)	32GB DDR5 SODIMM
Storage	1TB NVMe SSD

Interfaces

LAN	2 x RJ45 Ethernet
Antenna Ports	8 x N Type Connectors
GPIO	1 x 20MB5SN, 1 x 20MB5SA
LED	Multi-colour status LED
Power Port	1 x UTS0104S

Power & Environmental

Power Input	JET-PBS-V3-A/12/24
Nominal Power Consumption	50W
Inrush Power Consumption	150W
Ingress Protection*	IP68
Operational Temperature Range	-10° to +45°C (Extended Temperature Range Available)

*Designed to meet



