

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

Genera	ISn	ACIT	ıca.	tion

Model NumberJET-PBS-V3-AAvailable ColoursWhite/BlackPhysical Dimensions (mm)311 (I) 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

ProcessorAMD Ryzen R-6800HMemory (RAM)32GB DDR5 SODIMMStorage1TB NVMe SSD

Interfaces

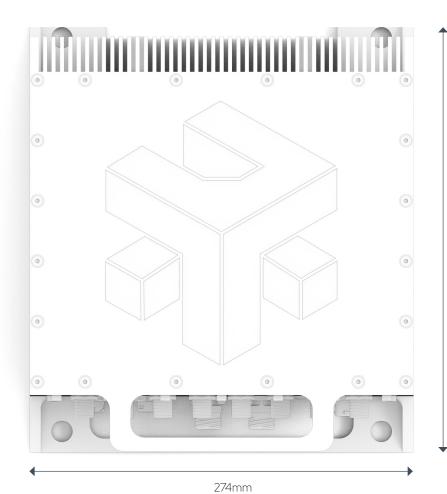
LAN2 x RJ45 EthernetAntenna Ports8 x N Type ConnectorsGPIO1 x 20MB5SN, 1 x 20MB5SALEDMulti-colour status LEDPower Port1 x UTS0104S

Power & Environmental

Power InputJET-PBS-V3-A/12/24Nominal Power Consumption50WInrush Power Consumption150WIngress Protection*IP68Operational Temperature Range-10° to +45°C (Extended Temperature Range Available)

*Designed to meet





311mm

