



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



www.jet-eng.co.uk

JET-V3A Specifications

General Information

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



// View Online \\\

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
*IP Rating :	IP68
Operational Temperature Range:	-10°C to +45°C <small>(Extended range temperature available)</small>

*Designed to meet

