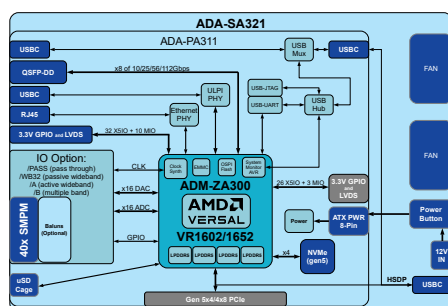


The image shows the internal components of the Alpher 1000. A large blue main board is visible, featuring the 'ALPHER 1000' logo. Below the board is a silver metal chassis. To the right, there are two cooling fans and various cables (red, blue, black) connected to the system. The overall design is compact and industrial.



- 14-bit x 16 ADC and 16 DAC channels capable of Multi-Gigasample data conversion
- AMD Versal hardened and re-configurable logic and DSP processing
- AMD Versal multi-core control and computation Processing System
- 18GHz front end bandwidth
- EMI shielded and fully enclosed

1x HSDP JTAG and System Monitor

Support

Targeted Reference Design and Board Support Package.

Deliverables

ADA-SA320 Board
One Year Warranty
One Year Technical Support

Board Format

Standalone
WxHxD = 220mm x 45mm x 350mm
Weight = TBDg

Environmental Specification

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC0	0°C	+55°C	-40°C	+85°C

Operating Humidity : Up to 95% (non-condensing)

Order Code: ADA-SA320(d)(s)(r)

Device	d	/1602 = XCVR1602 /1652 = XCVR1652
Speed Grade	s	-2MSE = -2MSE
RF Front I/O	r	/PASS = Pass-through passive front I/O /WB = Wideband passive balun front I/O /A = Wideband active balun front I/O
Note	Please Contact sales for other options.	