

# CRL-G18U-P3DF / CRL-G116U-P3DF

Full height, half length, PCIe Gen3 AI accelerator card based on Google® Coral Edge TPU processor, enabling AI-based real-time decision process at edge

## Features

- Support up to 8~16 x Google® Coral Edge TPU M.2 modules
- Support TensorFlow Lite machine learning framework
- Compatible with PCI Express 3.0 x16 expansion slot
- Optimized thermal design with twin turbofans



With Coral intelligence



TensorFlow Lite

## Specifications

<b>Main Chip</b>	Core	Google® Coral Edge TPU Processor
<b>PCIe Interface</b>	Technology	PCI Express 3.0 x16
<b>Software</b>	Supported Framework	TensorFlow lite
	Precision	INT8
	Performance	CRL-G18U-P3DF: 32 TOPS CRL-G116U-P3DF: 64 TOPS
<b>Thermal Solution</b>	FAN design	Active Fan
<b>Power</b>	Power Connector	1 x 6-pin 12V External Power
	Power Consumption	CRL-G18U-P3DF: 36 W CRL-G116U-P3DF: 52 W
<b>Operating System</b>	Linux	Ubuntu 18.04, Debian 10 *For latest OS support list, please check <a href="https://iot.asus.com/">https://iot.asus.com/</a>
<b>Environment</b>	Operating Temperature	0~55° C
	Non-Operating Temperature	-40~85° C
	Relative Humidity	0%~85%
<b>Dimension</b>	Width	42.1 mm
	Height	126.3 mm
	Depth	186.3 mm
<b>Weight</b>	Weight	CRL-G18U-P3DF: 516 g CRL-G116U-P3DF: 530 g

## Dimension (mm)

