

ClearFog GT 8K

The ultimate edge and vCPE solution



Introducing ClearFog GT 8K network platform. Harnessing the powerful Marvell ARMADA A8040, ClearFog GT features unparalleled networking capabilities offering enhanced packet processing and full virtualization - tailor made for vCPE, NFV, network security solutions and high-end edge computing.

- ▶ **Marvell ARMADA A8040 quad-core 2GHz**
- ▶ **ARM Cortex A72 (64bit)**
- ▶ **Full virtualization support**
- ▶ **Flexible storage options**
- ▶ **Highly customizable**



Edge Computing



NFV



vCPE



Network Security



Embedded Edge Computing
www.Solid-Run.com

SolidRun Ltd., 7 HaMada st.,
P.O. Box 320, Yokneam Illit, Israel.

Core	
Processor Core	Quad-core ARM A72
Processor Speed	Commercial grade: Up to 2.0 GHz, Industrial grade: Up to 1.6 GHz
Virtualization	Full virtualization
Floating Point	✓
SIMD	Neon
Memory Type	64-bit DDR4
ECC Memory	Optional, supported upon customer request
Memory Size	DIMM, 4, 8 and 16GB options
SPI Flash	64 Mbit
eMMC	Up to 128GB
Connectivity	
1GbE (RJ45) switched	4 (switched with 2.5GB uplink to SoC)
1GbE (RJ45)	1 (connected to SoC)
SFP +	1
mPCIe	3 (optional M.2 adapter for SSD)
USB 3.0	1
GPIO header	✓
URAT header for debug	✓
User push button	✓
Indication LEDs	✓
OS Support	
Ubuntu 16.04	✓
Linux Kernel 4.4x	✓
Google IoT Core	✓
Mechanics	
Temperature Range	Commercial grade (0°C to +70°C ambient), Industrial grade (-40°C to +85°C ambient)
Supply Voltage	12V
Dimensions (WxL)	177mm x 110mm

