

Network Security & Management

CAT-8000

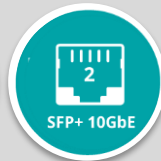
Tilera TILE-Gx36
Support 1U Appliance



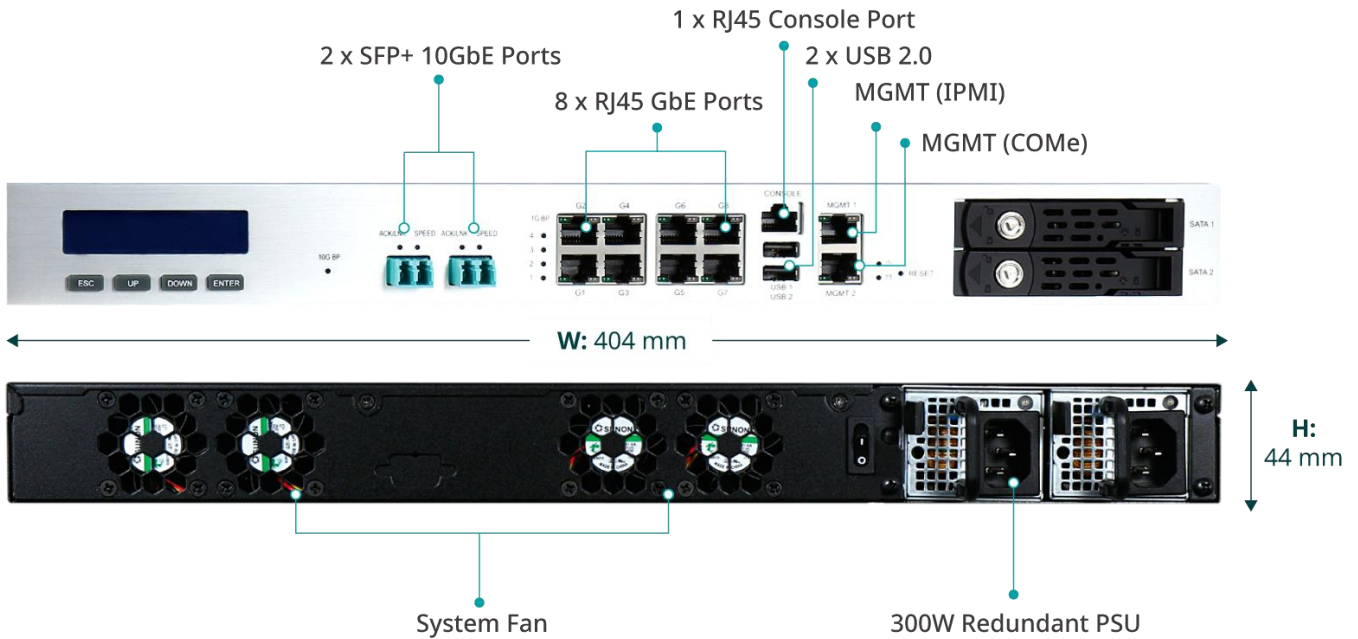
Key Features

- 8x Front Accessible Ethernet Ports
- 2x Front Accessible 2.5 HDD
- Tilera TILE-Gx36 Support
- Redundant Power Supply Unit & System Management (IPMI 2.0) Support

High Performance Tilera TILE-Gx36 Platform



CAT-8000 is one of brand new flagships in CASwell communication appliance fleet, which provides high computing power and best performance-per-watt, as well as maximized Ethernet bandwidth with flexible I/O configuration. With Tilera Gx-36 processor and one Intel® Ivy Bridge processor based on COMe module, CAT-8000's intelligent heterogeneous computing architecture plays an optimized and easy-to-deploy solution for networking processing, multimedia and cloud applications.



Hardware Specification

Platform	
Processor	Tilera TILE-Gx36 Processor
System Memory	4 x DDR3 ECC 1600MHz DIMMs, up to 64GB
Ethernet Port	Up to 8 x RJ45 GbE Ports Up to 2 x SFP+ 10GbE Ports
Bypass	5 segments
Expansion	Up to 1 PCIe Gen2 x 8 for Type VI COM Express Module
Storage Device	2 x 2.5" SATA HDDs 1 x CF Socket
Power Supply	300W Redundant PSU 220W Single PSU
Dimension (WxDxH)	404mm x 438mm x 44mm (15.9" x 17.24" x 1.71")
I/O	
Serial Port	1 x RJ-45 System Console Port
USB Port	2 x USB 2.0 Ports
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / HDD / Ethernet / Bypass
LOM	IPMI 2.0 w/ GbE speed (Optional)
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F) Humidity: 10 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F) Humidity: 5 - 95% RH @ 55°C
Certification	CE/FCC/UL
OS Support	Linux Kernel