

128T NETWORKING PLATFORM: LICENSING

Introduction

128 Technology provides simple and flexible term-based licensing options for the 128T Networking Platform software that is comprised of Session Smart Routers and a centralized management and orchestration software, the 128T Conductor.

Similar to traditional router licensing, 128 Technology's capacity-based router license entitles you to a maximum bandwidth on a 128T Router.

All features of the 128T Router are included in a single license so you can avoid the complexity and unexpected feature up-charges for individual features

Furthermore, our router licensing entitles you to unlimited use of the 128T Conductor software, avoiding hidden management costs.

Key Benefits

- | Flexible subscription terms (1, 3 and 5-year options)
- | Familiar bandwidth capacity-based licensing model
- | No traffic drops from strict bandwidth limits
- | Freedom to move. Licenses can be transferred between different hardware
- | No additional costs for management and orchestration software

Router instance capacity-based licenses

The 128 Technology router instance capacity-based license is quite similar to traditional router licenses. A separate node-based license is associated with each router instance in a network and specifies the peak router bandwidth capacity for a 1, 3 or 5-year period. The router instance license does not require license activation keys and is not "node-locked" to a specific hardware asset (e.g. by serial number). Router instance product SKUs (see below) are defined for each bandwidth capacity tier ranging from 5Mbps to 200Gbps. For high-availability deployments, two physical router instances and therefore two software licenses are required

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TECHNOLOGY

BW CAPACITY*(bps)	MODEL #	PRODUCT NAME	BW CAPACITY*(bps)	MODEL #	PRODUCT NAME	BW CAPACITY*(bps)	MODEL #	PRODUCT NAME
5M	128T-5M-RS-1Y	128T NP Router 1 year subscription - simplex - 5Mbps	5M	128T-5M-RS-3Y	128T NP Router 3 year subscription - simplex - 5Mbps	5M	128T-5M-RS-128T NP Router 5 year subscription - simplex - 5Mbps	
10M	128T-10M-RS-1Y	128T NP Router 1 year subscription - simplex - 10Mbps	10M	128T-10M-RS-3Y	128T NP Router 3 year subscription - simplex - 10Mbps	10M	128T-10M-R-128T NP Router 5 year subscription - simplex - 10Mbps	
25M	128T-25M-RS-1Y	128T NP Router 1 year subscription - simplex - 25Mbps	25M	128T-25M-RS-3Y	128T NP Router 3 year subscription - simplex - 25Mbps	25M	128T-25M-R-128T NP Router 5 year subscription - simplex - 25Mbps	
50M	128T-50M-RS-1Y	128T NP Router 1 year subscription - simplex - 50Mbps	50M	128T-50M-RS-3Y	128T NP Router 3 year subscription - simplex - 50Mbps	50M	128T-50M-R-128T NP Router 5 year subscription - simplex - 50Mbps	
100M	128T-100M-RS-1Y	128T NP Router 1 year subscription - simplex - 100Mbps	100M	128T-100M-RS-3Y	128T NP Router 3 year subscription - simplex - 100Mbps	100M	128T-100M-I-128T NP Router 5 year subscription - simplex - 100Mbps	
250M	128T-250M-RS-1Y	128T NP Router 1 year subscription - simplex - 250Mbps	250M	128T-250M-RS-3Y	128T NP Router 3 year subscription - simplex - 250Mbps	250M	128T-250M-I-128T NP Router 5 year subscription - simplex - 250Mbps	
500M	128T-500M-RS-1Y	128T NP Router 1 year subscription - simplex - 500Mbps	500M	128T-500M-RS-3Y	128T NP Router 3 year subscription - simplex - 500Mbps	500M	128T-500M-I-128T NP Router 5 year subscription - simplex - 500Mbps	
1G	128T-1G-RS-1Y	128T NP Router 1 year subscription - simplex - 1Gbps	1G	128T-1G-RS-3Y	128T NP Router 3 year subscription - simplex - 1Gbps	1G	128T-1G-RS-128T NP Router 5 year subscription - simplex - 1Gbps	
2.5G	128T-2.5G-RS-1Y	128T NP Router 1 year subscription - simplex - 2.5Gbps	2.5G	128T-2.5G-RS-3Y	128T NP Router 3 year subscription - simplex - 2.5Gbps	2.5G	128T-2.5G-R-128T NP Router 5 year subscription - simplex - 2.5Gbps	
5G	128T-5G-RS-1Y	128T NP Router 1 year subscription - simplex - 5Gbps	5G	128T-5G-RS-3Y	128T NP Router 3 year subscription - simplex - 5Gbps	5G	128T-5G-RS-128T NP Router 5 year subscription - simplex - 5Gbps	
10G	128T-10G-RS-1Y	128T NP Router 1 year subscription - simplex - 20Gbps	10G	128T-10G-RS-3Y	128T NP Router 3 year subscription - simplex - 20Gbps	10G	128T-10G-R-128T NP Router 5 year subscription - simplex - 20Gbps	
20G	128T-20G-RS-1Y	128T NP Router 1 year subscription - simplex - 20Gbps	20G	128T-20G-RS-3Y	128T NP Router 3 year subscription - simplex - 20Gbps	20G	128T-20G-R-128T NP Router 5 year subscription - simplex - 20Gbps	
36G	128T-36G-RS-1Y	128T NP Router 1 year subscription - simplex - 36Gbps	36G	128T-36G-RS-3Y	128T NP Router 3 year subscription - simplex - 36Gbps	36G	128T-36G-R-128T NP Router 5 year subscription - simplex - 36Gbps	
40G	128T-40G-RS-1Y	128T NP Router 1 year subscription - simplex - 40Gbps	40G	128T-40G-RS-3Y	128T NP Router 3 year subscription - simplex - 40Gbps	40G	128T-40G-R-128T NP Router 5 year subscription - simplex - 40Gbps	
100G	128T-100G-RS-1Y	128T NP Router 1 year subscription - simplex - 100Gbps	100G	128T-100G-RS-3Y	128T NP Router 3 year subscription - simplex - 100Gbps	100G	128T-100G-F-128T NP Router 5 year subscription - simplex - 100Gbps	
200G	128T-200G-RS-1Y	128T NP Router 1 year subscription - simplex - 200Gbps	200G	128T-200G-RS-3Y	128T NP Router 3 year subscription - simplex - 200Gbps	200G	128T-200G-F-128T NP Router 5 year subscription - simplex - 200Gbps	

Bandwidth capacity entitlement metering

Bandwidth capacity is defined as peak “forwarding throughput” of the router. Determining compliance with the maximum bandwidth capacity license is done by comparing the Peak Router Bandwidth Capacity to the Licensed Peak Router Bandwidth Capacity, which is specified by the router instance bandwidth capacity-based license.

The 128T Networking Platform calculates the Peak Router Bandwidth Capacity. This is the highest Router Bandwidth value of any 5 second interval over the specific license period. The Router Bandwidth is calculated based on the aggregate of sessions traversing the router. This bandwidth measurement is available through the 128T Router or 128T Conductor GUI on the dashboard page for the specified 128T Router. The most recent bandwidth is measured on a 5 second interval and is plotted as a function of time. Sessions associated with a designated management interface are not included in the calculation. The 128T Networking Platform does not perform licensed peak router bandwidth policing by default.

Summary

Our successful digital transformation initiatives demand simple, flexible licensing solutions with predictable costs. Whether you are an enterprise, service provider, partner or MSP, 128 Technology’s software licensing delivers.