Network Slicing Router, Born for Cloudification

NetEngine A800 E

One-network bearer

Network slicing for multi-service security isolation

One-hop cloud access

Cloud access upon network access, service provisioning within minutes, and intelligent selection of cloud access paths
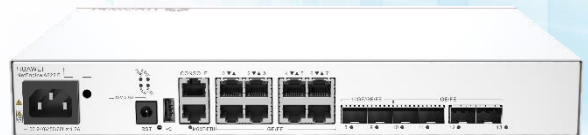
Experience awareness

Real-time SLA visualization through IFIT, the industry's only in-band flow measurement technology
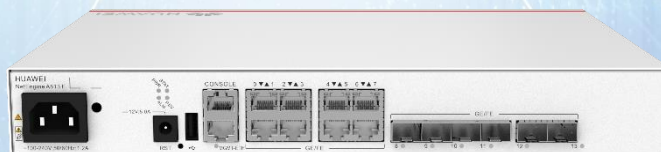
Plug and play

Single site visit, install-and-play, and automated service rollout

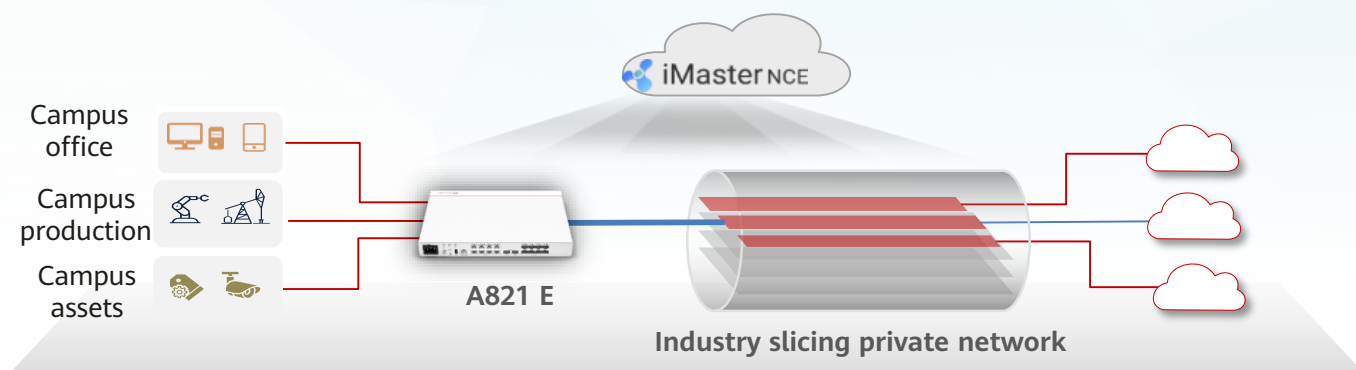**NetEngine A821 E**

NetEngine A822 E

NetEngine A813 E

HUAWEI

Product Introduction

Huawei's NetEngine A800 E is an enterprise-side router designed for the cloud era. It offers a wide range of advantages, such as easy deployment, simple O&M, high performance, and strong reliability, helping enterprises quickly access various networks. In addition, it can be managed and controlled by Huawei's iMaster NCE and supports features such as network slicing, SRv6, IFIT, L2VPN, L3VPN, EVPN, meeting fast and high-quality cloudification requirements of enterprises.

Application Scenario

A821 E

Industry slicing private network

Product Specifications

Specifications	A821 E	A822 E	A813 E
Minimum version required	V8R21C10SPC500	V8R22C00	V8R22C00
Dimensions (H x W x D)	43.6 mm (1U) x 320 mm x 220 mm		
Cabinet depth	≥ 300 mm		
Interface type	2 x 10GE + 8 x GE/FE (optical) + 8 x GE/FE (electrical)	2*10GE+4*GE/FE (optical) + 8 x GE/FE (electrical)	6*GE/FE (optical) + 8 x GE/FE (electrical)
Switching capacity	72G	54G	28G
Height	1U		
Weight	2.7 kg	2.3 kg (estimated)	2.3 kg (estimated)
SDRAM	4 GB		
Typical power consumption	75 W	38 W	38 W
Power input	AC: 100 V to 240 V; DC: –40 V to –72 V	AC: 100 V to 240 V	AC: 100 V to 240 V
Heat dissipation mode	System air cooling		
Operating temperature	–40°C to +65°C	–5°C to +55°C	–5°C to +55°C