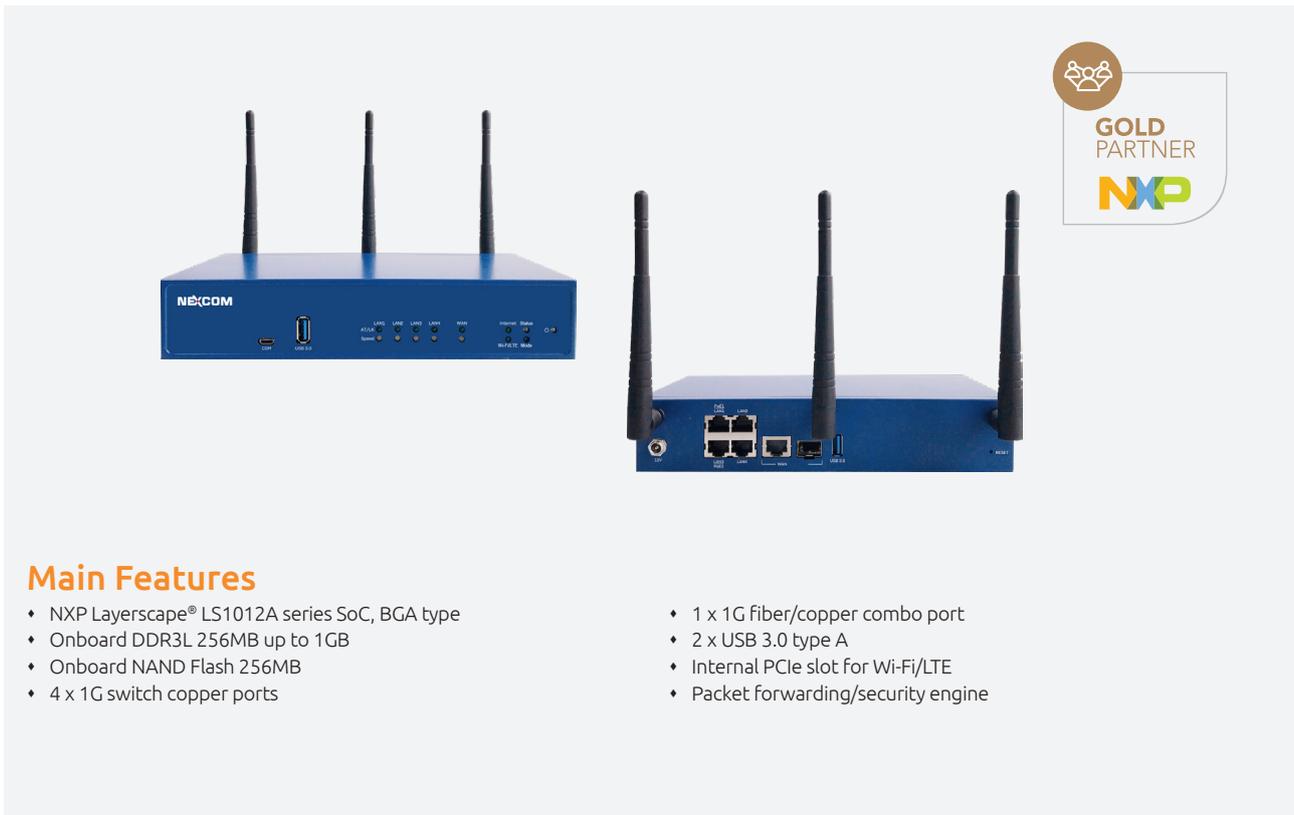


PDTA 1370

Desktop uCPE w/ NXP® Layerscape® LS1012A SoC Processors, 1+4 x GbE
RJ45 Include One Combo Port and The PCIe Slot for Wi-Fi/LTE



Main Features

- NXP Layerscape® LS1012A series SoC, BGA type
- Onboard DDR3L 256MB up to 1GB
- Onboard NAND Flash 256MB
- 4 x 1G switch copper ports
- 1 x 1G fiber/copper combo port
- 2 x USB 3.0 type A
- Internal PCIe slot for Wi-Fi/LTE
- Packet forwarding/security engine

Product Overview

The PDTA 1370 is desktop network appliance based on the NXP Layerscape processor LS1012A combines the 64-Bit ARM core architecture with the QorIQ high-speed communication technology.

With PFE (Packet Forwarding Engine) and SEC (security engine), this desktop network security appliance can create safe environments helps SOHO or personal site build a securely connected workplace to connect employees and offices.

Specifications

Main Board

- NXP® QorIQ® layerscape LS1012A SoC, BGA type ps: onboard
- LS1012A, 1 core

Main Memory

- Onboard 256MB DDR3L up to 1GB

Storage

- Onboard 256MB SLC NAND Flash
- Onboard 4MB NOR Flash
- Micro SD card support

Interface External

- 4 x GbE RJ45 switch ports
- 1 x Combo port (copper/fiber)
- 1 x Console port with micro USB type B type form factor
- 3 x SMA connector for antenna
- 4 x LED: internet/status/mode/Wi-Fi<E
- 1 x Button: reset

Interface internal

- 1 x PCIe for Wi-Fi or LTE module
- 1 x RJ45 type console port

Power

- 42W desktop type power adaptor

Dimension and Weight

- Chassis dimension (mm): 150x225x44
- Package dimension (mm): TBD
- Without packing: TBD
- With packing: TBD

Environment

- Operating temperature: 0°C~40°C power input
- Storage temperature: -20°C~80°C
- Relative humidity: 10%~90% non-condensing

Certification

- N/A

LAN module list

- N/A

Ordering Information

- **PDTA 1370 (P/N: TBD)**
Please contact our sales team