

# APTNS Series

1U Network Appliance Series Designed with COM Express Module based on Intel® Xeon® Processor D Series, Intel® Core™ Processor Series, or Intel® Pentium® Processors.

1U Rackmount



## Features

- Designed with COM Express module supporting Intel® Xeon® processor D series, Intel® Core™ processor series, or Intel® Pentium® processors
- Rich I/O for versatile applications
- Hot swappable fan
- Optional single or redundant power supply
- Dual channel memory up to 96GB

## SPECIFICATION

CPU	Intel® Xeon® processor D series, Intel® Core™ processor series, Intel® Pentium® processors
PCH/Chipset	SoC
System Memory	Support up to 96GB SO-DIMM Support DDR3L at speeds of 1333/1600/1866 MT/s SDRAM Support DDR4 non-ECC and ECC at speeds of 1600/1867/2133/2400 MT/s SDRAM
Ethernet Port	Up to 17x Ethernet ports
3G/4G/Wi-Fi	1x Mini-PCIe
Bypass	Based on Portwell NIC module or standard add-on card
Expansion	2x PCIe x8 Gen3 expansion slots 1x PCIe x4 Gen2 slot
Storage Device	2x 2.5" SATA HDD 1x M.2 and 1x mSATA SSD
TPM	TPM 1.2 module (optional) on LPC pin header
Dimension	429(W) x 469(D) x 44(H) mm 16.89"(W) x 18.46"(D) x 1.73"(H)

## FRONT PANEL

Serial Port	1x RS-232, 1x RS232 internal header
LCD Panel	128 x 32 graphical LCD module with 4x buttons
LED	System power, Storage
USB	2x USB 3.0 on rear I/O 2x USB 2.0 internal on carrier board
VGA	Internal VGA header
LOM	N/A
Power	ATX 300W single or redundant power supply

## OPERATION

Operating Environment	Temp: 0 to 40°C (32 to 104°F) 10 to 90% RH
Storage Environment	Temp: -10 to 70°C (14 to 158°F) 5 to 95% RH @ 55°C
Certification	CE/FCC/UL
OS Support	Microsoft Windows; Linux Kernel

## Optional CPUs *(Depending on Type 6 COM Express Module)*

Model
Intel Xeon processor D series
7th generation Intel Core processors
7th generation Intel Core desktop processors
6th generation Intel Core processors
6th generation Intel Core desktop processors

\*All information provided is subject to change without notice. Last updated: Aug 23rd, 2018