

# NSA 5640

NXP QorIQ T-series CPU T4240, Up To 12 CPU Core, 1.8GHz



## Main Features

- NXP QorIQ T4240 communications processor, 1.8GHz
- Up to 6GB DDR3 memory
- 1 x mini PCIe expansion
- 8 GbE LAN ports, optional 4-port SFP+/ 10GBase-T module
- Onboard 2GB NAND flash, 128MB NOR flash
- Removable SD card at front

## Specifications

### Main Board

- NSB
- NXP QorIQ T-series CPU T4240, Up To 12 CPU Core, 1.8GHz

### Main Memory

- SDRAM
  - 3 DIMM slots, support 2GB per DIMM
  - Support DDR3 1866/ 2133 UDIMM/ RDIMM
- NOR Flash
  - 128MB 16-bit NOR Flash
- NAND Flash
  - 2GB SLC NAND Flash
- 2 Kbit 24C02 I2C EPPROM
- SD connector to interface

### LAN Features

- 8 GbE Ports
- 4 x10G SFP+ Ports

### Expansion

- mini-PCI-E X1 connector
- PCI-E X8 connector

### I/O Interface-Front

- 8 x Copper GLAN Ports
- 4 x SFP + 10G ports
- 2 x USB 2.0 Ports
- 1 x RJ45 type Console Port
- 1 x Power LED
- 1 x Reset: Hardware reset
- 1 x SD Slot

### Devices

- 1 x internal 2.5" HDD bay
- 1 x SD socket

### Power Input

- ATX Power Supply, 300W

### Dimensions

- Chassis Dimension: 426mm x 300mm x 44mm
- Carton Dimension: 582mm x 512mm x 169mm

### Weight

- Without Packing: 8Kg
- With Packing: 12Kg

### Certifications

- CE approval
- FCC Class A
- UL

## Ordering Information

### Barebone

- **NSA 5640 (P/N: 10S00564000X0)**  
NXP QorIQ architecture CPU T4240, 1.8GHz, On Board 128M NOR Flash, 2G NAND Flash 3 x DDR3 DIMM Sockets, 8 GbE LAN + 4 x10G SFP+

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