

NSA 5640

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



Main Features

- ♦ Freescale 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 5640
- ♦ Freescale 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)**
Freescale 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+