



Main Features

- ♦ Freescale QorIQ LS2085/LS2088 communication processor, up to 2.0GHz
- ♦ DDR4 2133/2400 UDIMM memory (1 x ECC slot, 4 x Non-ECC slot)
- ♦ 4 x port 1/10 GbE Copper, 4 x port SFP+
- ♦ Onboard 1GB NAND flash, 128MB NOR flash
- ♦ Removable SD card
- ♦ USB 3.0 port, 1 x Type-A, 1 x Micro-B connector

Specifications

Main Board

- ♦ NSB 3640
- ♦ Freescale QorIQ SOC Process LS2085/LS2088 ,BGA type

Main Memory

- ♦ DDR4 2133/2400 Long-DIMM memory x 5 (one for ECC), Max. 64GB

LAN Features

- ♦ 1 x 10GE RJ45: AQUANTIA: AQR405-B1-EG-Y
- ♦ 1 x 10GE SFP+ : INPHI: WPCS4340C.A0-900031
- ♦ Support 100/1000/10G link speed
- ♦ 4 x Copper ports
- ♦ 4 x Fiber ports

Expansion

- ♦ 1 x PCIe8 slot
- ♦ 1 x PCIe4 slot (no riser card)

I/O Interface-Front

- ♦ Power status/LAN status
- ♦ 1 x SD Card
- ♦ 1 x USB 3.0 type A, 1 x USB 3.0 Micro-B
- ♦ 2 x RJ45 type console port

I/O Interface-Rear

- ♦ 1 x Expansion slot for PCIe8

Devices

- ♦ 1 x Internal 2.5" HDD bay
- ♦ 1 x SD socket

Power Input

- ♦ 300W ATX power supply

Dimensions

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

Weight

- ♦ Without packing: 8kg
- ♦ With packing: 12kg

Certifications

- ♦ CE approval
- ♦ FCC Class A

Ordering Information

Barebone

- ♦ **NSA 3640A (P/N: 10S00364001X0)**

Freescall QorIQ architecture CPU LS2085/LS2088, up to 2.0GHz, On Board 128MB NOR Flash, 1G NAND Flash, 5 x DDR4 DIMM Sockets, 4 x 10G RJ45, and 4 x 10G SFP+ LAN ports