

SCB-6995

Entry Network Appliance

AEWIN Technologies Co., Ltd.

Desktop system with Intel Atom® C3558R/C3758R (Denverton Refresh) CPU with 2x DDR4 (with ECC) 2400MHz SO-DIMM, 2x USB3.0, 1x SATA III, 1x M.2, 1x mSATA, eMMC (optional), 1x mPCIe, TPM 2.0 (optional), 6 x RJ45 GbE and 2x 10GbE SFP+ port



Features

- Support Single Intel Atom® C3558R/C3758R (Denverton Refresh) Processor, FCBGA1310
- 2x DDR4 SODIMM 2400 MHz memory, up to 32GB
- Support Intel® QAT (by SKU)
- 6x 1GbE RJ45 (2 pairs bypass), 2x SFP+ 10GbE
- 2x M.2 (B Key) for LTE/5G/WiFi modules, 1x mPCIe
- 1x mSATA, 1x eMMC 5.0

Description

The SCB-6995A is a desktop networking system. It supports Intel Atom® C3558R/C3758R (Denverton Refresh) Processor with QAT (encryption & decryption accelerator) for secure internet connection.

The SCB-6995A support 6x RJ45 GbE and 2x 10G SFP+ ports. The SCB-6995A has 1x mPCIe and 1x M.2 slot for future expansion, e.g. WiFi/LTE/5G module.

The SCB-6995A can connect with SATA/mSATA/eMMC storage. Customers can select suitable solution to meet their application.

Specifications

Processor System

| | |
|---------|---|
| CPU | Support Intel Atom® C3558R/C3758R (Denverton Refresh) Processor |
| Chipset | SoC |
| BIOS | AMI® UEFI BIOS |

Memory

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|------------|-----------------------------------|
| Technology | 2x DDR4 2400MHz ECC SO-DIMM |
| Capacity | Max 256GB (depend on memory type) |

Expansion

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|-------------------------|---------------------------------|
| Onboard Expansion Slots | 1x mPCIe |
| M.2 | 1x M.2 (B-key for LTE/5Gmodule) |

I/O

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|--------|----------------------|
| USB | 2x USB 3.0 |
| Serial | 1x RJ45 Console port |

Ethernet

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|--------------|---|
| GbE Ethernet | 6x 1GbE RJ45 ports 2x 10GbE SFP+ ports |
|--------------|---|

Storage

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|-------|------------------------|
| SATA | 1x SATA III connectors |
| mSATA | 1x mSATA |

Power Supply

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|------|-------------------|
| Watt | 60W AC/DC adapter |
|------|-------------------|

Mechanical and Environment

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|-----------------------|---|
| Form Factor | Desktop |
| LED | 1x Power LED 1x HDD LED 1x M.2 LED 1x mPCIe LED 2 pairs LEDs for SFP+ 6 pairs LEDs for 6 Ethernet ports Active/Link status (Green) |
| Dimension (W x D x H) | 438mm(W) x 548 mm(D) x 44mm(H) |
| Operating Temperature | Operating: 0 ~ 40°C (32 ~ 104°F) |
| Storage Temperature | -20 ~ 75°C (-4 ~ 167°F) |
| Humidity | 10 ~ 85% relative humidity, non-operating, non-condensing |
| Weight | 4 kg |
| Certification | CE/FCC |

Packing List

- 1x SCB-6995 unit
- 1x power cord

Ordering Information

SCB-6995A Desktop system with Intel C3558R/C3758R (Denverton Refresh) platform, 2 x DDR4 ECC SO-DIMM, 1x SATA, 1x mSATA, 1x mPCIe slot and 1x M.2 slot

I/O

