

2x E5-2640V4 X10DRH-iLN4 8805 RAID AFM-700 BBU 2U (1.700 EUR)



Locatie **Noord-Holland, Amsterdam**
<https://www.advertentiax.nl/x-790728-z>

Chassis: SuperChassis 825TQ-R740LPB
 CPU: 2x Intel Xeon E5-2640 V4
 RAM: Geen, 32 GB mogelijk voor meerprijs van 250 euro (2x 16 GB ECC DDR4 RDIMM)
 Motherboard: X10DRH-iLN4
 RAID: Microsemi Adaptec ASR8805 (Inclusief AFM-700 BBU module)
 PSU: Geen, mogelijk tegen meerprijs 100 euro

Geen beschadigingen, alles werkt 100%, getest.

 MBD-X10DRH-iLN4
 Form Factor: E-ATX
 Dimensions: 12" x 13" (30.5cm x 33.2cm)

CPU
 Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP)
 Dual Socket R3 (LGA 2011)
 Cores / Cache
 Up to 22 Cores / Up to 55MB Cache
 System Bus

OP to 9.6 GT/s
 Intel® version 10.0 is required
 Network board supports a maximum of 16 release version of system software
 Memory capacity
 Up to 2TB ECC 3DSLRDIMM 512GB ECC RDIMM
 Memory Type
 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
 DIMM Slots

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RDIMM: 32GB, 16GB, 8GB, 4GB

LRDIMM: 64GB, 32GB

3DS LRDIMM: 128GB

Memory Voltage

1.2 V

Error Detection

Corrects single-bit errors

On-Board Devices

Chipset

Intel® C612 chipset

AHCI SATA

SATA3 (6Gbps); RAID 0, 1, 5, 10

SCU SATA

SATA3 (6Gbps); RAID 0, 1, 5, 10

IPMI

Support for Intelligent Platform Management Interface v.2.0

IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

ASPEED AST2400 BMC

Network Controllers

Intel® i350 Quad Gigabit Ethernet LAN

Virtual Machine Device Queues reduce I/O overhead

Video

ASPEED AST2400 BMC

Input / Output

SATA

10x SATA3 (6Gbps) ports

LAN

4x RJ45 Gigabit Ethernet LAN ports

1x RJ45 Dedicated IPMI LAN port

USB

5x USB 3.0 ports (2 rear + 2 via header + 1 Type A)

4x USB 2.0 ports (4 via headers)

Video

1x VGA Connector

Serial Port / Header

1x Fast UART 16550 serial

2x COM Ports (1 rear, 1 header)
DOM
2x SuperDOM (Disk on Module) ports
TPM
1x TPM Header

Expansion Slots

PCI-Express
2x PCI-E 3.0 x16
4x PCI-E 3.0 x8
1x PCI-E 3.0 x4 (in x8)

System BIOS

BIOS Type
128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features
Plug and Play (PnP)
PCI 2.3
ACPI 1.0 / 2.0 / 3.0 / 4.0
USB Keyboard support
SMBIOS 2.7.1
UEFI 2.3.1

Management

Software
Intel® Node Manager 3.0
IPMI 2.0
NMI
SPM
SSM
SUM
SuperDoctor® III
SuperDoctor® 5
Watch Dog
Power Configurations
ACPI / APM Power Management

Power-on mode for AC power recovery

PC Health Monitoring

Voltage

Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.

6 Phase-switching voltage regulator

FAN

8x 4-pin fan headers (up to 8 fans)

8x fans with tachometer monitoring

Status monitor for speed control

Pulse Width Modulated (PWM) fan connectors

Temperature

Monitoring for CPU and chassis environment

CPU thermal trip support

Thermal Control for 8x Fan Connectors

Thermal Monitor 2 (TM2) support

PECI

LED

CPU / System Overheat LED

Suspend static indicator LED

UID/Remote UID

Other Features

Chassis intrusion detection

Chassis intrusion header

SDDC Support

RoHS

Operating Environment

Operating Temperature Range

10°C - 35°C (50°F - 95°F)

Non-Operating Temperature Range

-40°C - 70°C (-40°F - 158°F)

Operating Relative Humidity Range

8% - 90% (non-condensing)

Non-Operating Relative Humidity Range

5% - 95% (non-condensing)

CPU:

of Cores: 10

of Threads: 20

Processor Base Frequency: 2.40 GHz

Max Turbo Frequency: 3.40 GHz

Cache: 25 MB SmartCache

Bus Speed: 8 GT/s QPI

of QPI Links: 2

TDP: 90 W

Sockets Supported: FCLGA2011-3

Max CPU Configuration: 2

Max Memory Size (dependent on memory type): 1.54 TB

Memory Types: DDR4 1600/1866/2133

Max # of Memory Channels: 4

Max Memory Bandwidth: 68.3 GB/s

Physical Address Extensions: 46-bit

ECC Memory Supported: Yes

Key RAID Features

Flexible Configuration: HBA Mode & Auto Volume Mode for automatic deployment

Optimized Disk Utilization (Multiple Arrays per disk)

Supports up to 256 SAS or SATA devices using SAS expanders

Supported RAID levels: 0, 1, 1E, 5, 6, 10, 50, 60

Support for native 4K sector SAS and SATA devices in addition to 512byte sector devices

Hybrid RAID 1 & 10

Quick initialization

Online Capacity Expansion

Performance modes: Dynamic, OLTP & Big Block ByPass

Copyback Hot Spare

Dynamic caching algorithm

Native Command Queuing (NCQ)

Background initialization

Hot-plug drive support

RAID Level Migration

Hot spares - global, dedicated, and pooled

Automatic/manual rebuild of hot spares

SES and SAF-TE enclosure management

Configurable stripe size

SMART support

Multiple arrays per disk drive
Dynamic sector repair
Staggered drive spin-up
Bootable array support
Support for Tape Devices, Autoloaders
MSI-X support for all device driver for all supported Operating Systems
Secure boot support for the uEFI host bios
USB image available
Management Utilities
Software
Adaptec maxView Storage Manager
Web based GUI Management Utility
OS Support: Windows, Linux, Solaris VMware
Remote configuration, monitoring & notification
Remote firmware updates
SMI-S Support
SMTP

ARCCONF
Command Line Interface
SMI-S support for VMware

Adaptec BIOS Configuration Utility (CTRL+A)
BIOS level configuration utility
Flashable BIOS support

Adaptec uEFI BIOS Configuration Utility
HII based configuration utility
Flashable BIOS support
Data Transfer Rate
12Gb/s per port
Bus System Interface
8-lane PCIe Gen3
Form Factor
MD2 Low Profile

Cache Memory
1024MB
Connector Configuration
Two internal mini SAS HD (SFF-8643)

Package Contents

Adaptec RAID 8805 adapter

Additional low profile vented bracket

Physical Size

2.535"H x 6.6"L (64mm x 167mm)

Operating Temperature

0°C to 55°C* (with 200 LFM airflow)

Note: This Adaptec card contains a powerful RAID processor which requires adequate airflow to operate reliably. Please install this card only into server or PC chassis with recommended airflow (200 LFM). *

Ambient temperature measured 1" away from the RAID processor

Operating Voltage

0.1A @ 3.3VDC 1.2A @ 12VDC

Regulatory Certification

CE, FCC, UL, C-tick, VCCI, KCC, CNS

Environmental Compliance

RoHS

Mean Time Before Failure (MTBF)

>700,000 hours at 40°C