

Supermicro SuperServer 5018A-FTN4

1U RACKMOUNT SERVER



Intel Atom C2758 Octa-core (8 Core) 2.40 GHz ■
DDR3 SDRAM ■ Serial ATA/300, Serial ATA/600
Controller ■ 1 x 200 W ■ 32 GB RAM Support ■
Gigabit Ethernet ■ ASPEED AST2400 Graphic Card ■
2X SATA 200W A1SRI-2758F 505-203B



Basic Information

BRAND NAME: Supermicro
ENVIRONMENTALLY FRIENDLY: Yes
FORM FACTOR: Rack
GREEN COMPLIANT: Yes
MAXIMUM MEMORY: 32 GB
PROCESSOR CORE: Octa-core (8 Core)
PROCESSOR MANUFACTURER: Intel
PROCESSOR MODEL: C2758
PROCESSOR SPEED: 2.40 GHz
PROCESSOR TYPE: Atom
PRODUCT FAMILY: SuperServer
PRODUCT TYPE: Server
RACK HEIGHT: 1U

Controllers

CONTROLLER TYPE: Serial ATA/300

Display & Graphics

GRAPHICS CONTROLLER MANUFACTURER: ASPEED
GRAPHICS CONTROLLER MODEL: AST2400
MAXIMUM MEMORY: 32 GB

General Information

BRAND NAME: Supermicro
MANUFACTURER: Supermicro Computer, Inc
MANUFACTURER PART NUMBER: SYS-5018A-FTN4
MANUFACTURER WEBSITE ADDRESS: <http://www.supermicro.com>

PACKAGE CONTENTS

- SuperServer 5018A-FTN4 (Black)
- 1 x Super A1SRi-2758F Motherboard
- 1 x 1U Chassis
- 1 x 35CM, SATA CABLE, PB FREE, 26AWG, flat
- 1 x RSC-RR1U-E8 (Rev 4.00)
- 1 x 1U 200W Multi-output 80Plus Gold PWS
- 1 x Front Control Cable Round 16 pin to 16 pin Ribbon 20
- 1 x US power cord 18AWG 6ft, PBF (default for low watt)
- 1 x Riser card bracket for slot-7 in SC504

PRODUCT LINE: SuperServer

PRODUCT MODEL: 5018A-FTN4

PRODUCT NAME: SuperServer 5018A-FTN4 (Black)

PRODUCT TYPE: Server

SUPERSERVER BENEFITS

- Uncompromising Quality Control
- The most Comprehensive Line of Servers, Storage Systems, and Subsystems
- Widest Variety of Application Optimized Solutions, from High End Clusters to MicroServers
- Best Performance per Watt, per Square Foot, and per Dollar
- Superior Product Design Based in Silicon Valley
- Consistently First-to-Market
- Best Total Cost of Ownership (TCO)
- Highest Quality Components and Materials
- 3-Year Limited Warranty
- 24-Hour Support and Global Services
- Redfish API support

These benefits combined with an excellent track record have earned Supermicro a reputation as a true leader in the high-end server/storage industry. Supermicro provides the most outstanding product line in the industry, ranging from single Atom™ and dual Xeon® to quad Xeon® MP systems. Their proven high level of quality and performance has made SuperServers the platform of choice for HPC, enterprise, cloud, data center, hyperscale, embedded, and business-critical, front-end server applications.

Supermicro SuperServer 5018A-FTN4

1U RACKMOUNT SERVER



I/O Controller

CONTROLLER TYPE: Serial ATA/300

Interfaces/Ports

ETHERNET TECHNOLOGY: Gigabit Ethernet

NETWORK (RJ-45): Yes

NUMBER OF USB 2.0 PORTS: 2

NUMBER OF USB 3.0 PORTS: 4

TOTAL NUMBER OF USB PORTS: 6

VGA: Yes

Media & Performance

ETHERNET TECHNOLOGY: Gigabit Ethernet

Memory

MAXIMUM MEMORY: 32 GB

MEMORY TECHNOLOGY: DDR3 SDRAM

NUMBER OF TOTAL MEMORY SLOTS: 4

Miscellaneous

CERTIFICATIONS & STANDARDS: ACPI 5.0

ENVIRONMENTAL CERTIFICATION: RoHS

ENVIRONMENTALLY FRIENDLY: Yes

FORM FACTOR: Rack

GREEN COMPLIANCE CERTIFICATE/AUTHORITY: RoHS

GREEN COMPLIANT: Yes

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Network & Communication

ETHERNET TECHNOLOGY: Gigabit Ethernet

Physical Characteristics

COLOR: Black

DEPTH: 9.8"

FORM FACTOR: Rack

HEIGHT: 1.7"

RACK HEIGHT: 1U

WEIGHT (APPROXIMATE): 8 lb

WIDTH: 17.2"

Power Description

INPUT VOLTAGE: 110 V AC

MAXIMUM POWER SUPPLY WATTAGE: 200 W

NUMBER OF POWER SUPPLIES INSTALLED: 1

Processor & Chipset

64-BIT PROCESSING: Yes

CACHE: 4 MB

CHIPSET MANUFACTURER: Intel

HYPER-THREADING: No

PROCESSOR CORE: Octa-core (8 Core)

PROCESSOR MANUFACTURER: Intel

PROCESSOR MODEL: C2758

PROCESSOR SPEED: 2.40 GHz

PROCESSOR TYPE: Atom

VPRO TECHNOLOGY: No

Product Information

FORM FACTOR: Rack

WIDTH: 17.2"

Technical Information

64-BIT PROCESSING: Yes

CONTROLLER TYPE: Serial ATA/300

ETHERNET TECHNOLOGY: Gigabit Ethernet

MEMORY TECHNOLOGY: DDR3 SDRAM

PROCESSOR CORE: Octa-core (8 Core)

PROCESSOR MANUFACTURER: Intel

Video

GRAPHICS CONTROLLER MANUFACTURER: ASPEED

GRAPHICS CONTROLLER MODEL: AST2400

Warranty

LIMITED WARRANTY: 3 Year