

Supermicro SuperServer 5018D-FN4T

1U RACKMOUNT BAREBONE SYSTEM



Socket BGA-1667 ■ 1 x Processor Support ■ Black ■ 128 GB DDR4 SDRAM
DDR4-2133/PC4-17000 Maximum RAM Support ■ Serial ATA/600 RAID Supported
Controller ■ ASPEED AST2400 Integrated ■ 2 x Total Expansion Slots ■
Processor Support (Xeon) ■ 10 Gigabit Ethernet, Fast Ethernet ■
2 USB 3.0 Port(s) ■ 1 x 200 W 200W X10SDV-TLN4F 505-203B

64-BIT PROCESSING: Yes
BRAND NAME: Supermicro
COLOR: Black
CONTROLLER TYPE: Serial ATA/600
FORM FACTOR: Rack-mountable
GRAPHICS CONTROLLER MANUFACTURER: ASPEED
GRAPHICS CONTROLLER MODEL: AST2400
MAXIMUM MEMORY: 128 GB
MEMORY STANDARD: DDR4-2133/PC4-17000
MEMORY TECHNOLOGY: DDR4 SDRAM
NUMBER OF PCI EXPRESS X16 SLOTS: 1
NUMBER OF PCI EXPRESS X4 SLOTS: 1
NUMBER OF PROCESSORS SUPPORTED: 1
NUMBER OF SATA INTERFACES: 6
NUMBER OF TOTAL EXPANSION SLOTS: 2
NUMBER OF TOTAL MEMORY SLOTS: 4
NUMBER OF USB 3.0 PORTS: 2
PROCESSOR SOCKET: Socket BGA-1667
PROCESSOR SUPPORTED: Xeon
PRODUCT FAMILY: SuperServer
PRODUCT TYPE: Barebone System
RACK HEIGHT: 1U
TOTAL NUMBER OF USB PORTS: 2

Controllers

CONTROLLER TYPE: Serial ATA/600
RAID SUPPORTED: Yes

Display & Graphics

GRAPHICS CONTROLLER MANUFACTURER: ASPEED
GRAPHICS CONTROLLER MODEL: AST2400

General Information

BRAND NAME: Supermicro
MANUFACTURER: Supermicro Computer, Inc
MANUFACTURER PART NUMBER: SYS-5018D-FN4T
MANUFACTURER WEBSITE ADDRESS:
<http://www.supermicro.com>
PRODUCT LINE: SuperServer
PRODUCT MODEL: 5018D-FN4T
PRODUCT NAME: SuperServer 5018D-FN4T (Black)
PRODUCT TYPE: Barebone System

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.

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I/O Expansions

NUMBER OF PCI EXPRESS X16 SLOTS: 1
NUMBER OF PCI EXPRESS X4 SLOTS: 1
NUMBER OF TOTAL EXPANSION SLOTS: 2

Interfaces/Ports

NUMBER OF SATA INTERFACES: 6
NUMBER OF USB 3.0 PORTS: 2
TOTAL NUMBER OF USB PORTS: 2

Memory

MAXIMUM MEMORY: 128 GB
MEMORY STANDARD: DDR4-2133/PC4-17000
MEMORY TECHNOLOGY: DDR4 SDRAM
NUMBER OF TOTAL MEMORY SLOTS: 4

Miscellaneous

ENVIRONMENTAL CERTIFICATION: RoHS
ENVIRONMENTALLY FRIENDLY: Yes

PACKAGE CONTENTS

- SuperServer 5018D-FN4T (Black)
- 1 x Super X10SDV-8C-TLN4F Motherboard
- 1 x 1U Chassis
- 1 x mylar air shroud for SC504/505 with X10SDV, HF, RoHS/REACH
- 1 x 35CM end to end, SATA CABLE, PB FREE, 26AWG, flat
- 1 x Riser card bracket for slot-7 in SC504
- 1 x 4028mm 13K RPM 4-PIN PWM FAN for SC813MF, SC113M
- 1 x Fan Warning Label 30x11mm, RoHS/REACH
- 1 x SYS-5018D-FN4T, QRG, HF, RoHS/REACH
- 1 x 1U I/O Shield for A1SRM-LN7F on SC510 with EMI Gasket, RoHS/REACH
- 1 x RSC-RR1U-E16 with PCI-E x16 output
- 1 x 1U 200W Multi-output 80Plus Gold PWS

Network & Communication

ETHERNET TECHNOLOGY: 10 Gigabit Ethernet

Physical Characteristics

COLOR: Black
DEPTH: 9.8"
FORM FACTOR: Rack-mountable
HEIGHT: 1.7"
RACK HEIGHT: 1U
WEIGHT (APPROXIMATE): 8 lb
WIDTH: 17.2"

Power Description

INPUT VOLTAGE: 120 V AC
MAXIMUM POWER SUPPLY WATTAGE: 200 W
NUMBER OF POWER SUPPLIES INSTALLED: 1

Processor & Chipset

64-BIT PROCESSING: Yes
NUMBER OF PROCESSORS SUPPORTED: 1
PROCESSOR SOCKET: Socket BGA-1667
PROCESSOR SUPPORTED: Xeon

Warranty

LIMITED WARRANTY: 3 Year