

# PRIMERGY

## RX100 S4 1WAY

Dual-Core Intel® Xeon® 3070 (2.66GHz) / 3040 (1.86GHz) 512MB (~8GB) DDR2 SDRAM

HDD 2 Bays (MAX 600.0GB)

\*When option applied



PCI Express x1\*

PCI-X x 2 slots / x1 slot\*

Onboard SAS x2 ports

Onboard 1000BASE-T x2



### Single-socket, Dual-Core — Optimized in terms of cost, size and business processes for easy deployment

A mono processor entry model incorporating cutting-edge technology, PRIMERGY RX100 S4 rack server has been optimized for rack operation, offering the attributes of high functionality and security at a competitive price. This makes it an ideal platform for data-center solutions and server farm concepts in 19-inch rack environments. The versatile design enables its range of use to be extended to work with a variety of applications, with areas typically ranging from use as an infrastructure and connectivity server or as a front-end server in multi-tier scenarios. Or even as a terminal server with connected storage subsystems.

Fujitsu offers this model with the powerful new Dual-Core Intel® Xeon® 3070 2.66GHz / 3040 1.86GHz.

Designed with sufficient power reserves for small and medium-sized applications with up to 8GB ECC protected DDR2 SDRAM, PRIMERGY RX100 S4 also boasts high-speed data transfer by means of an onboard dual Gbit Ethernet LAN controller. And the standard iRMC (Integrated Remote Management Controller) offers enhanced system management, based on IPMI2.0 technology.

PRIMERGY RX100 S4 combines the benefits of reliable SAS disk technology and the comfort of integrated RAID data protection with a space-saving 1U form factor of less than 60cm in depth. Such compact, flexible dimensions facilitate integration into virtually any rack configuration.

### Specifications

Type		Mono-Processor Rack Server
CPU	Frequencies	Dual-Core Intel® Xeon® 3070 (2.66GHz) ** / 3040 (1.86GHz)
	Second-Level-Cache	4MB ( Dual-Core Intel® Xeon® 3070 (2.66GHz) ) / 2MB ( Dual-Core Intel® Xeon® 3040 (1.86GHz) )
Front-Side-Bus		1066MHz ( Dual-Core Intel® Xeon® 3070 (2.66GHz) / 3040 (1.86GHz) )
Chipset		Intel® 3000
Memory	Standard	512MB (512MB ECC DDR2 SDRAM DIMM x 1)
	Maximum*1	8GB (2GB ECC DDR2 SDRAM DIMM x 4)
Graphics Controller		incl. Remote Management Controller, VRAM : 1.7MB
Resolution*2	640x480 dot	16777216 colors
	800x600 dot	16777216 colors
	1024x768 dot	65536 colors
	1280x1024 dot	256 colors
Internal Bays 3.5 inch HDD (SAS)	Number of Bays	2 (hot plug)
	Available HDD*3	73.4GB, 15krpm, SAS 146.8GB, 15krpm, SAS 300.0GB, 15krpm, SAS
	Maximum*3	600.0GB (300.0GB x 2)
CD-ROM		Optional (Max 24 ATAPI)*5
PCI Slots	PCI Express (x8) [x8]	0 (1 : Full Height PCI Express Card or LowProfile PCI Express Card when PCI Slot Conversion kit is applied. )
	PCI-X (64bit/100MHz) [3.3V]	0 (1 : LowProfile PCI Card Only when PCI Slot Conversion kit is applied. )
	PCI-X (64bit/66MHz) [3.3V]	1 : Full Height PCI Card or LowProfile PCI Card ( 0 when PCI Slot Conversion kit is applied. ) 1 : LowProfile PCI Card Only ( 0 when PCI Slot Conversion kit is applied. )
RAID Controller		Onboard
SAS Controller		Onboard, SAS x 2ports (with RAID1 function)
FDD		-*6
Network Controller (onboard)		1 port (1000BASE-T/100BASE-TX/10BASE-T) 1 port (1000BASE-T/100BASE-TX/10BASE-T) shared with Remote Management Controller
Interfaces		Display (Analog RGB), Serial Port (D-SUB 9pins) Keyboard (PS/2type Mini DIN 6pins), Mouse (PS/2type Mini DIN 6pins), USB x3 (ver. 2.0)
Server Management Software		ServerView (Standard)
Remote Service function		standard (onboard, Remote Management Controller)
Power Supply	Voltage	AC100-127V (50/60Hz) / AC200-240V (50/60Hz) x 1 (max.1)
	Power Consumption	270W / 972kJ/h (max.)
	Redundant Power Supply	-
Redundant Fan		-
Dimensions (mm)		429 (482 incl. protruding parts)(W) x 562 (596 incl. protruding parts)(D) x 42 (1U) (H)
Weight		15kg (max.)
Environmental Conditions		Temperature 10-35°C / Humidity 20-80% (non condensing)
OS Support		Windows Server® 2003 R2, Standard Edition / Windows Server® 2003 R2, Standard Edition (SP2) Windows Server® 2003, Standard Edition (SP1/SP2) Windows Server® 2003 R2, Standard x64 Edition / Windows Server® 2003 R2, Standard x64 Edition (SP2) Windows Server® 2003, Standard x64 Edition / Windows Server® 2003, Standard x64 Edition (SP2) Windows® 2000 Server (SP4) Red Hat Enterprise Linux ES (v.4 for x86) / Red Hat Enterprise Linux ES (v.4 for EM64T) Red Hat Enterprise Linux 5 (for x86) *7 / Red Hat Enterprise Linux 5 (for Intel64) *7

\*1: Available memory capacity will be changed by the type of OS. Please find more details in Notes [Memory OS Compatibility List].

\* Noise level is 46db.

\*2: Resolution is determined by functions of the display monitor and OS.

\*3: HDD capacity is calculated according to the formula 1GB=1000<sup>3</sup> byte.

\*4: CPU Conversion kit: Xeon 3040(1.86GHz/2MB) -> Xeon 3070(2.66GHz/4MB) is available for upgrading to Dual-Core Intel® Xeon® 3070 (2.66GHz).

\*5: One CD-ROM or DVD-ROM is required as a minimum in multiple servers.

If neither CD-ROM ATAPI nor DVD-RAM ATAPI are ordered, it is necessary to procure USB-CD-ROM or USB-DVD-ROM separately.

\*6: One USB-FDD is required as a minimum in multiple servers.

It is necessary to procure USB-FDD separately.

\*7: VM (Virtual Machine) function is not supported.

Specifications are subject to change without notice.

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#### Environmental Label

The FUJITSU Group environmental logo was designed to be used by all Group companies in November, 1994. Categorized in the ISO14020 international standard, it indicates Green or Super Green products where special considerations have been given to environmental protection.  
<http://www.fujitsu.com/global/about/environment/>

