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FUJITSU RECOMMENDS WINDOWS 7.

DATASHEET

FUJITSU CELSIUS R570-2 WORKSTATION

YOUR COMPACT VIDEO POWERHOUSE

The CELSIUS R570-2 is the blazing workstation for the most demanding applications. With two high-end Intel® Xeon® processors and an ultra-high-end NVIDIA® Quadro® graphics card, it offers extraordinary power for intense video software such as After Effects and Premiere Pro, as well for all other media applications. It is the ideal choice for Adobe CS5 Master Collection and Production Premium.

OPTIMIZED FOR



MULTI-CORE RENDERING

Optimum performance in video and 3D environments

- Two high performance multi-core Intel® Xeon® processors

DYNAMIC LINK SUPPORT

Work faster and stay in the creative flow

- 24 GB of RAM and native 64-bit operation

MERCURY PLAYBACK ENGINE

Edit and preview video in realtime

- GPU accelerated performance with NVIDIA® Quadro® graphics card

HIGH BANDWIDTH, HIGH CAPACITY PERFORMANCE

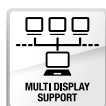
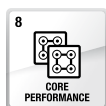
Store massive files easily and edit them at lightning speed

- High-speed 3TB SATA RAID array

HIGH-DEFINITION OPTICAL MEDIA SUPPORT

Benefit from a complete HD workflow, from creation to production

- Blu-ray Disc™ Triple Writer included as standard



COMPONENTS

PROCESSORS	2 x Intel® Xeon® processor E5620 (4C, 2.40 GHz, 12 MB, 5.86 GT/s)
OPERATING SYSTEM	Microsoft® Windows® 7 Professional 64-bit
MEMORY MODULES	24 GB (6 modules 4 GB) DDR3, registered, ECC, 1333 MHz, PC3-10600
GRAPHICS ADD ON CARD	Ultra-high-end 3D: NVIDIA® Quadro® FX 4800, 1.5 GB, PCIe x16, 2x DL-DVI-I, 2x DP
HARD DISK DRIVES (INTERNAL)	3 x SATA II, 7200 rpm, 1000 GB, 3.5-inch, S.M.A.R.T.
Hard disk notes	2.5-inch drives will be mounted in the 3.5-inch bays One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.
OPTICAL DISK DRIVES	Blu-ray Disc™ Triple Writer DVD Super Multi
Base unit	CELSIUS R570-2
MAINBOARD	
Mainboard type	D2628
Formfactor	extended CEB
Chipset	Intel® 5520, Intel® 82801JIR ICH10R
Processor socket	LGA 1366
Processor quantity maximum	2
Memory slots	6 (3 per processor)
Supported capacity RAM (max.)	96 GB
Memory notes	In configurations with 4 GB and more the visible memory may be reduced to approximately 3.5 GB or less (for 32-bit operating systems) and configurations with 8 GB the visible memory may be reduced to approximately 7.5 GB or less (depending on system configuration).
LAN	Built-in 10/100/1000 MBit/s Realtek RTL8111
Audio codec	Realtek ALC663
Audio features	High Definition Audio
I/O CONTROLLER ON BOARD	
Serial ATA total	6
SATA RAID support	0, 1, 10, 5
INTERFACES	
Audio: in (rear)	1
Audio: out (rear)	2
Front Audio: in	1
Front Audio: out	1
Internal speakers	1
USB 2.0 total	11
USB front	2
USB rear	6
USB internal	3, thereof 1 type A
Serial (RS-232)	1 (9 pin)
Mouse / Keyboard (PS/2)	1 / 1
Ethernet (RJ-45)	1
FireWire (IEEE1394)	optional
Interface Module notes	Anytime USB charge functionality
DRIVE BAYS	
Drive bays total	7
3.5-inch internal bays	4
5.25-inch external bays	3

SLOTS	
PCI-Express 2.0 x16	2 x (312 mm) full height
PCI-Express 1.0 x4 (mech. x8)	1 x (312 mm) full height
PCI-Express 2.0 x4 (mech. x8)	1 x (312 mm) full height
PCI (32-bit / 33 MHz)	2 x (312 mm) full height
ELECTRICAL VALUES	
Operating voltage range	100 - 240 V
Operating line frequency range	50 - 60 Hz
Max. output of single power supply	700 W up to 85% efficiency
NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Noise Operation mode 4: High load	23 dB(A)
Idle mode	23 dB(A)
Office mode	23 dB(A)
Noise notes / description	depending on configuration
DIMENSIONS / WEIGHT / ENVIRONMENTAL	
Dimensions (W x D x H)	215 x 522 x 446 mm
Weight	20 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	15 - 35°C
Operating relative humidity	10 - 75 %
COMPLIANCE	
Product	CELSIUS R570-2
Model	MCS-D2628
Germany	GS depending on configuration
Europe	CE
USA/Canada	cCSAus FCC Class B
Global	RoHS (EU & China) ENERGY STAR® 5.0 Medical EMC standard IEC60601-1-2 in combination with medical kit
China	CCC
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
SECURITY	
Physical security	Kensington Lock support Eye for padlock Optional: Integrated cabinet lock Intrusion switch Seal option
System security	Write protect option for the Flash EPROM Boot protection for floppy disk / CD drive and write protection for floppy disk drive Dynamic USB security for full hardware USB protection Control of all USB interfaces External USB ports can be disabled separately Embedded security (TPM 1.2) - Infineon
User security	Optional: Access protection via internal SmartCard reader User and supervisor BIOS password Optional: SmartCase Logon+
OPERATING SYSTEM	
Operating system compatible	Microsoft® Windows® 7 Professional 64-bit Microsoft® Windows® 7 Professional 32-bit Microsoft® Windows® XP Professional x64 Edition Microsoft® Windows® XP Professional Linux

OPERATING SYSTEM

Operating system notes	Red Hat® certification pending Novell® certification pending For some configurations third party drivers are currently not available or configuration restrictions may apply.
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ADDITIONAL SOFTWARE

Additional software (optional)	Drivers & Utilities DVD (DUDVD) Windows® 7 & Vista & XP CyberLink PowerDVD 9 Nero 9 Essentials XL Recovery DVD (Windows® 7) Windows® XP 64 downgrade pack Windows® XP 32 downgrade pack
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MANAGEABILITY

Manageability features	DeskUpdate Driver management
Manageability type	DeskView 10.x client management including: DASH 1.1 remote system management
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration
Supported standards	WMI BootP (made4you) PXE
Manageability link	http://ts.fujitsu.com/manageability

INPUT DEVICE / COMPONENTS

	Keyboard Optical USB tilt wheel mouse
Input devices (optional)	Keyboard Optical USB/PS2 tilt wheel mouse Space Explorer USB Space Navigator USB Space Pilot USB

WARRANTY

Standard Warranty	3 years (depending on country)
Service level	On-site Service (depending on country)

MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION

Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu CELSIUS R570, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu CELSIUS R570, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://ts.fujitsu.com/celsius>

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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