WINDOWS®. LIFE WITHOUT WALLS™.
FUJITSU RECOMMENDS WINDOWS 7.

DATASHEET
FUJITSU CELSIUS W280 proGREEN selection WORKSTATION

WORKSTATION POWER, PC FORMAT

The CELSIUS W280 is the manageable workstation for when a traditional PC just isn't enough. Powered by the latest Intel® processors and available with choice of professional graphics cards, it provides power efficient, green workstation performance in a compact PC design and is ideal for business environments such as entry-level 2D CAD.

EXTREMELY POWERFUL WORKSTATIONS
Get more done in less time
■ The fastest available processors, graphics cards and hard disk drives

NOISE-REDUCED SYSTEM
Silent working enviroment
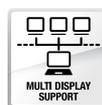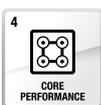■ Optimized thermal management, low-noise chassis and silent fans

SERVICEABILITY
Minimum downtime in the event of system failure
■ Service-friendly system design

LEADING WORKSTATION APPLICATION CERTIFICATION
Maximum compatibility and performance with customer-preferred applications
■ Full support for ISV applications and easy integration into existing IT environments

COMPONENTS

PROCESSOR	Intel® Core™ i7 processor i7-870 (4C/8T, 2.93 GHz, 8 MB)
OPERATING SYSTEM **Operating system optional preinstalled**	Windows® 7 Professional 64-bit
MEMORY MODULES	4 GB (2 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
GRAPHICS ADD ON CARD	Entry 3D: ATI FirePro™ V3800, 512 MB DDR3, PCIe x16, 2x DL-DVI-I
HARD DISK DRIVE (INTERNAL)	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. 2.5-inch drives will be mounted in the 3.5-inch bays
DRIVES	DVD Super Multi
	MultiCard Reader 20in1, 3,5-Inch
Base unit	CELSIUS W280

MAINBOARD

Mainboard type	D2912
Formfactor	µBTX
Chipset	Intel® Q57
Processor socket	LGA 1156
Processor quantity maximum	1
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	16 GB
Memory frequency	1333 MHz
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 Intel® 82578 LM
WLAN	Optional (for Windows only)
Audio codec	Realtek ALC663
Audio features	5.1 surround sound, High Definition audio, Internal speaker supports audio playback

I/O CONTROLLER

Serial ATA total	4
thereof eSATA	1, optional
SATA RAID support	0, 1, 10, 5

INTERFACES

Audio: in (rear)	2
Audio: out (rear)	1
Front Audio: in	1
Front Audio: out	1
Internal speakers	1
USB 2.0 total	12
USB front	2
USB rear	8
USB internal	2
VGA	1 (depends on processor)
DisplayPort	1 (depends on processor)
DVI	1 or 2, optional (depends on processor)
Serial (RS-232)	1, (9 pin)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1, optional
eSATA	1, optional
Interface Module notes	Anytime USB charge functionality

DRIVE BAYS

Drive bays total	6

DRIVE BAYS

3.5-inch internal bays	2
3.5-inch external bays	2
5.25-inch external bays	2

SLOTS

PCI-Express 2.0 x16	1 x (312 mm) FlexySlot
PCI-Express 2.0 x4 (mech. x16)	1 x (190 mm) full height
PCI (32-bit / 33 MHz)	2 x (170/315 mm) full height

ELECTRICAL VALUES

Rated voltage range	100 - 240 V
Rated frequency range	50 - 60 Hz
Max. output of single power supply	300 W

NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)

Noise emission	According to ISO9296 (LpAm at bystander position)
Idle mode	20 dB
Office mode	20 dB(A)
Noise notes / description	Actual noise emissions may vary depending on configuration

DIMENSIONS / WEIGHT / ENVIRONMENTAL

Dimensions (W x D x H)	203 x 390 x 392 mm
Operating position	Vertical
Weight	12 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	15 - 35°C
Operating relative humidity	10 - 75 %

COMPLIANCE

Product	CELSIUS W280
Model	MTB-D2912
Germany	GS optional Blauer Engel / Blue Angel optional
Europe	CE
USA/Canada	FCC Class B cCSAus
Global	RoHS (EU & China) ENERGY STAR® 5.0 Medical EMC standard IEC60601-1-2 in combination with medical kit
Compliance notes	Energy Star compliance may vary depending on actual configuration
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

SECURITY

Physical security	Kensington Lock support Eye for padlock Seal option Intrusion switch Optional: Integrated cabinet lock
System security	Write protect option for the Flash EPROM Embedded security (TPM 1.2) Disable / Hide TPM option
User security	Hard disk password User and supervisor BIOS password Optional: Access protection via SmartCard reader Optional: SmartCase Logon+

OPERATING SYSTEM

Operating system compatible	Microsoft® Windows Vista® Business 64-bit Microsoft® Windows Vista® Business 32-bit 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.

ADDITIONAL SOFTWARE

Additional software (optional)	Drivers & Utilities DVD (DUDVD) Windows® 7 & Vista & XP
	Recovery DVD
Additional software (included as a CD/ DVD)	Norton Internet Security (incl. Firewall)

MANAGEABILITY

Manageability features	Intel® vPro™ technology
	iAMT Intel® Active Manageability Technology v6.0 (not activated, not set up)
	Wake-on-LAN
Manageability type	DeskView 10
Manageability link	http://ts.fujitsu.com/manageability

INPUT DEVICE / COMPONENTS

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

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 W280, 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 W280, 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/