

Fujitsu CELSIUS J550 (VFY:J5500W87ABBE)

Intel Core i7-6700 (8M Cache, 3.4 GHz), 16GB DDR4, 256GB SSD, Intel HD Graphics 530, DVD Super Multi, Gigabit Ethernet, Windows 7 Professional 64-bit / Windows 10 Pro



Price details:

Price excl. VAT: 1,028.82 €

Eco fees: 0.00 €

VAT 21 %: 216.05 €

Product details:

Product code: VFY:J5500W87ABBE

EAN: 4057185582384

Manufacturer: Fujitsu

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1,244.87 €

Product is discontinued. You can not order it anymore.

* VAT included

If you need a powerful yet small workstation, Fujitsu's CELSIUS J550 is the ideal choice for entry-level 3D, CAD, financial applications as well as the healthcare industry. Thanks to its innovative 10 liter design, the CELSIUS J550 small form factor workstation is the first to support standard, full-height graphics cards.

Small but a strong performer.

Astounding computing power in a small form factor

Choose between the energy-efficient Intel® Core processors or the powerful Intel® Xeon® E3-1200 v5 processor family

Support of Windows 10 or Linux® operating systems

Next generation DDR4 memory up to 64 GB

Boost your storage performance to a capacity of up to 13.5 TB and take advantage of the superfast PCIe SSDs up to 512 GB to provide a quick loading of core applications and reliable highendurance and business critical drives designed for extended lifetime usage

Innovative design

Support of standard, full height graphics cards and legacy slots for a great customer TCO

Up to NVIDIA® Quadro® K2200 graphic card

Legacy PCI is still optionally available

The smallest member of the CELSIUS workstation family

The CELSIUS J550 combines powerful workstation performance and great expandability

Small footprint in a 10 liter design

66% smaller form factor than the CELSIUS W550 micro-tower

Multi-monitor experience

Enjoy maximum viewing capabilities and increase your productivity

Support 4 monitors when choosing AMD Eyefinity or NVIDIA® Mosaic technologies

Up to 8 monitors when selecting Nvidia's professional 2D graphics

Whisper quiet design Made in Germany

Fujitsu's desktop workstations are designed, engineered and manufactured in the heart of Europe

Optimized thermal management and cooling solutions

NVIDIA® NVS 315 fanless graphic card

Main specifications:

Processor

Processor frequency:

3.4 GHz

Processor family:

Intel Core i7-6xxx

Processor model: i7-6700
Processor cores: 4
Number of processors installed: 1
Processor boost frequency: 4 GHz
Processor socket: LGA 1151 (Socket H4)
Processor cache: 8 MB
Processor cache type: Smart Cache
System bus rate: 8 GT/s
Processor threads: 8
PCI Express slots version: 3.0
Processor lithography: 14 nm
Processor operating modes: 64-bit
Stepping: R0
Bus type: DMI3
Processor codename: Skylake
Thermal Design Power (TDP): 65 W
Processor series: Intel Core i7-6700 Desktop series
FSB Parity: N
Maximum number of PCI Express lanes: 16
PCI Express configurations: 2x8,1x8+2x4,1x16
Tcase: 71 °C
Maximum internal memory supported by processor: 64 GB
Conflict Free processor: Y
Memory types supported by processor: DDR3L-SDRAM,DDR4-SDRAM
Memory clock speeds supported by processor:1333,1600,1866,2133 MHz
Memory bandwidth supported by processor (max): 34.1 GB/s
Memory channels supported by processor: Dual
ECC supported by processor: N
Memory voltage supported by processor: 1.35 V

Memory

Internal memory: 16 GB
Internal memory type: DDR4-SDRAM
Maximum internal memory: 64 GB
Memory slots: 4x DIMM
Memory clock speed: 2133 MHz

Storage

Total storage capacity: 256 GB
Card reader integrated: Y
Storage media: SSD
Number of SSDs installed: 1
Solid-state drive capacity: 256 GB
Solid-state drive interface: Serial ATA III

Graphics

On-board graphics adapter: Y
On-board graphics adapter model: Intel HD Graphics 530
On-board graphics adapter family: Intel HD Graphics
On-board graphics adapter base frequency: 350 MHz
On-board graphics adapter dynamic frequency: 1150 MHz
Maximum on-board graphics adapter memory: 1.74 GB
Number of displays supported (on-board graphics): 3
On-board graphics adapter DirectX version: 12.0
On-board graphics adapter OpenGL version: 4.4
On-board graphics adapter ID: 1912

Optical drive

Optical drive type: DVD Super Multi
Optical drives quantity: 1

Networking

Ethernet LAN: Y
Ethernet LAN data rates: 10,100,1000 Mbit/s
Cabling technology: 10/100/1000Base-T(X)
Wake-on-LAN ready: Y

Ports & interfaces

USB 3.0 (3.1 Gen 1) Type-A ports quantity: 8
DVI port: Y

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|-----------------------------|---|
| Ethernet LAN (RJ-45) ports: | 1 |
| Microphone in: | Y |
| Headphone outputs: | 1 |
| DisplayPorts quantity: | 2 |
| PS/2 ports quantity: | 2 |
| Line-in: | Y |
| Line-out: | Y |

Expansion slots

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| PCI Express x4 (Gen 3.x) slots: | 1 |
| PCI Express x16 (Gen 3.x) slots: | 2 |
| PCI slots: | 1 |

Design

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| Colour of product: | Black,Red |
| Placement supported: | Vertical |
| Water cooling system: | N |
| Number of 3.5" bays: | 2 |
| Number of 5.25" bays: | 1 |
| Cable lock slot: | Y |
| Cable lock slot type: | Kensington |

Performance

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|---------------------------|--------------------------|
| Product type: | Workstation |
| Motherboard chipset: | Intel C236 |
| Audio system: | HD |
| Audio output channels: | 5.1 channels |
| Password protection: | Y |
| Password protection type: | BIOS,HDD,Supervisor,User |
| BIOS type: | UEFI AMI |

Software

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|--------------------------------|------------------------|
| Operating system installed: | Windows 7 Professional |
| Operating system architecture: | 64-bit |
| Recovery operating system: | Windows 10 Pro |

Processor special features

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|--|-----------------------|
| Intel® vPro® Technology: | Y |
| Intel® Small Business Advantage (Intel® SBA): | Y |
| Intel® Wireless Display (Intel® WiDi): | Y |
| Intel 64: | Y |
| Enhanced Intel SpeedStep Technology: | Y |
| Embedded options available: | N |
| Intel® InTru® 3D Technology: | Y |
| Intel® Insider®: | Y |
| Intel® Clear Video HD Technology (Intel® CVT™ HD): | Y |
| Intel Clear Video Technology: | Y |
| Intel VT-x with Extended Page Tables (EPT): | Y |
| Idle States: | Y |
| Thermal Monitoring Technologies: | Y |
| Intel Stable Image Platform Program (SIPP): | Y |
| Intel® AES New Instructions (Intel® AES-NI): | Y |
| Intel® Secure Key: | Y |
| Intel® OS Guard: | Y |
| Intel Trusted Execution Technology: | Y |
| Execute Disable Bit: | Y |
| Intel FDI Technology: | N |
| Intel Flex Memory Access: | N |
| Intel Fast Memory Access: | N |
| Intel Enhanced Halt State: | Y |
| Intel Demand Based Switching: | N |
| Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID): | Y |
| Processor package size: | 37.5 mm |
| Supported instruction sets: | SSE4.1,AVX 2.0,SSE4.2 |
| Processor code: | SR2BT |
| Scalability: | 1S |
| CPU configuration (max): | 1 |
| Graphics & IMC lithography: | 14 nm |
| Thermal solution specification: | PCG 2015C |
| Intel Virtualization Technology for Directed I/O (VT-d): | Y |

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|---|-------|
| Intel Stable Image Platform Program (SIPP) version: | 1.00 |
| Intel Secure Key Technology version: | 1.00 |
| Intel Virtualization Technology (VT-x): | Y |
| Intel Small Business Advantage (SBA) version: | 1.00 |
| Intel TSX-NI version: | 1.00 |
| Intel Dual Display Capable Technology: | N |
| Intel Rapid Storage Technology: | N |
| Processor ARK ID: | 88196 |
| Intel® Turbo Boost Technology: | 2.0 |
| Intel® Hyper Threading Technology (Intel® HT Technology): | Y |
| Intel® Quick Sync Video Technology: | Y |
| Intel® My WiFi Technology (Intel® MWT): | N |
| Intel® Anti-Theft Technology (Intel® AT): | N |

Power

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|-------------------------------|-------------|
| Power supply: | 280 W |
| Power supply input frequency: | 50 - 60 Hz |
| Power supply input voltage: | 100 - 240 V |

Certificates

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|------------------------|------|
| RoHS compliance: | Y |
| Energy Star certified: | Y |
| EPEAT compliance: | Gold |

Weight & dimensions

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|---------|--------|
| Width: | 332 mm |
| Depth: | 338 mm |
| Height: | 89 mm |
| Weight: | 9000 g |

Packaging data

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|-----------------|--------|
| Package width: | 467 mm |
| Package depth: | 265 mm |
| Package height: | 540 mm |

Packaging content

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|--------------------|---|
| Display included: | N |
| Keyboard supplied: | Y |
| Mouse included: | Y |
| Drivers included: | Y |
| Manual: | Y |

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