

PC CLIENT HARDWARE

KCAT and short description:

K2025JD PC Client Hardware
 K2025JE Small Form Factor PC
 K2025JM UPS110V
 K2025JN UPS220V

K2025JD PC client hardware

long description:

DELL™ Optiplex GX150

Small Mini Tower dimensions 16.8" H x 7.1" W x 17.6" D
 1GHz Intel™ Pentium III Processor (256Kb Cache)
 20GB ATA66 EIDE Harddisk (7200RPM)
 256 MB RAM
 Intel Graphics Video Card
 CD-R/W Drive
 Floppy Drive
 Wheel Mouse
 Windows™ NT Workstation 4.0
 Windows NT Service Pack 6
 Symantec™ PC-Anywhere 8.0
 Symantec PC-Anywhere 8.0 Upgrade

K2025JE small form factor PC

DELL Optiplex GX150
 Small Form Factor Chassis dimensions 12.5" H x 3.6" W x
 13.9" D
 1GHz Intel Pentium III Processor (256Kb Cache)
 20GB ATA66 EIDE Hard disk (7200RPM)
 256 MB RAM



Intel Graphics Video Card
 CD-R/W Drive
 Floppy Drive
 Wheel Mouse
 Windows NT Workstation 4.0
 Windows NT Service Pack 6
 Symantec PC-Anywhere 8.0
 Symantec PC-Anywhere 8.0 Upgrade

K2025JM UPS 110V

Uninterrupted Power Supply (UPS) for CR Workstations.

K2025JN UPS 220V

Uninterrupted Power Supply (UPS) for CR Workstations.



GE Medical Systems
 Information Technologies

We bring good things to life.

PC CLIENT HARDWARE

Flexible, cost-effective workstation platform

To minimize cost and reduce the footprint size of the CR readers, study identification, image processing and quality control is decoupled from Centricity CR readers. This allows you greater flexibility – in both budgeting and siting. You can easily place the Centricity CR PC client hardware in any location – wherever it best meets your needs. One workstation can serve multiple readers, provided the required performance requirements for the hardware are met. This can dramatically lower cost and further reduce the overall size of the installation.

Many different functions – one PC

The PC client hardware allows the CR workstation to operate in a number of different modes, depending on the choice of software and monitor. In the ID Station mode, the client PC operates as the platform for study identification and basic image review. Equipped as an integrated ID/QA station, the PC enables both patient identification and quality assurance, all on a single workstation. Or, to centralize quality control, the client PC can serve as a dedicated QA station. A minimum of one server PC for each cluster of up to three clients is required.

Robust and expandable hardware

The PC client hardware assortment consists of two different Dell CPUs in a standard and small chassis size. Add a 17" CRT or 15" LCD monitor plus the appropriate software, and studies can be identified and images previewed at the client PC. If less keyboard input is your goal, an optional 15" flat panel touch screen can be configured with the standard chassis client. For a larger viewable area, step up to the brilliant 18" color LCD. When diagnostic quality viewing is needed, 2K resolution can be delivered with a choice of high resolution CRTs. Finally, for extra protection, backup power is available via two choices of uninterruptible power supplies. Simply plug the PC client hardware into the UPS and your power is conditioned and made more reliable so you can continue handling studies even while the rest of the facility is in the dark.

From basic to advanced functionality

The Centricity CR software loaded on the PC client hardware determines the functionality of the CR workstation itself. For high productivity study identification and basic quality control, load only the minimum software. If more advanced functionality, turn an ID station into a full-fledged ID/QA station with one of the advanced viewers and start adding specialty applications. You determine the workflow you need to deliver, Centricity CR can be configured to meet those requirements.

Typical hardware/software configurations for the PC client hardware:

QA Station – 18" LCD or 2K CRT monitor, on-line processing software (served application), QC or IPD viewer software plus advanced options

ID/QA Station – 18" LCD monitor, ID software and tablet, on-line processing software (served application), QC or IPD viewer software plus advanced options

ID Station – 15" LCD monitor, ID software and tablet, on-line processing software (served application)

Technical Information:

Small Mini Tower SMT Chassis (gray)

The greatest amount of flexibility and expansion in an OptiPlex GX150

LegacySelect

Standardize on a consistent hardware and software platform for all workgroups even during legacy technology transition periods.

Electronically activates/deactivates specific ports and media devices.

Resources that might have been used are freed and available for anything else to use.

Dimensions

16.8" height x 7.1" width x 17.6" depth

PC CLIENT HARDWARE

Expansion Slots

One half-length PCI slot (4.2" H x 9" L)
 Three full-length PCI slots (4.2" H x 11" L)
 One full height 4XAGP slot

I/O Ports

4 USB ports (2 front, 2 back)
 2 serial ports
 1 parallel port
 2 PS/2 ports (keyboard and mouse)
 Microphone, stereo in, stereo out (back) & stereo out (front)
 1 RJ45 network port

Drive Bays

Two internal 1" hard drives
 Two external 3.5"
 Two external 5.25"

Power Supply

200 watts

Security

Chassis intrusion alert
 Built-in cable lock slot

Small Form Factor SF Chassis (gray)

The smallest OptiPlex chassis available with LegacySelect options to further customize for your environment.

LegacySelect

Standardize on a consistent hardware and software platform for all work groups even during legacy technology transition periods.
 Electronically activates/deactivates specific ports and media devices, and on the GX50, PCI slots and USB ports can be controlled as well.
 Resources that might have been used are freed and available for anything else to use.

Sealed Bay Option

Available without floppy disk or optical drive openings for maximum control over computing environments.
 Two choices on the SF chassis, one with an attractive smooth bezel, the second with filler plates, in case you ever need to add an internal device in the future.

Dimensions

3.6" height x 12.5" width x 13.9" depth

Expansion Slots

One low-profile 4XAGP slot (2.5" H x 6.6" L) available only for the GX150
 One low-profile PCI slot (2.5" H x 6.6" L)

I/O Ports

4 USB ports (2 front, 2 back)
 2 serial ports
 1 parallel port
 2 PS/2 ports (keyboard and mouse)
 Microphone, stereo in, stereo out (back) & stereo out (front)
 1 RJ45 network port

Drive Bays

One internal 1" hard drive
 One external 3.5" slimline
 One external 5.25" slimline

Power Supply

100 watts

Security

Chassis intrusion alert
 Built-in cable lock slot

Acceptable input voltage	0 – 160VAC
Output voltage	103 – 132 VAC (by default)
Input Protection	Resettable circuit breaker
Frequency limits (on-line operation)	50 or 60 Hz +/- 5%
Transfer time	2 ms typical, 4ms maximum
Maximum load	1000VA – 670W
On-battery output voltage	115VAC
On-battery frequency	50 or 60 Hz, +/-0.1 Hz
On-battery waveshape	Low-distortion sine wave
Protection	Overcurrent and short-circuit protected, latching shutdown on overload.
Noise filter	Normal and common mode EMI/RFI suppression, 100 kHz to 10 MHz
Battery type	Spill proof, maintenance free, sealed lead-acid
Typical battery life	3 to 6 years, depending on number of discharge cycles and ambient temperature
Typical recharge time	2 to 5 hours from total discharge
Operating temperature	0 to +40° C (+32 to +104° F)
Storage temperature	-15 to +45° C (+5 to +113° F)
Operating and storage relative humidity	0 to 95%, non-condensing
Operating elevation	0 to +3,000 m (0 to +10,000 ft.)
Storage elevation	0 to +15,000 m (0 to +50,000 ft.)
Electromagnetic immunity	IEC 801-2, 801-3, 801-4
Audible noise in dBA at 1 m (3 ft.)	<45
Size (H x W x D)	21.6 x 17 x 43.9 cm (8.5 x 6.7 x 17.3 in.)
Weight - net (shipping)	18.8 (20.8) kg 41.5 (46) lb.
Safety approvals	Listed to UL 1778, certified to CSA 107.1
EMC verification	FCC/DOC Class B certified



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