

ഇൻഫർമേഷൻ കേരള മിഷൻ

തദ്ദേശസ്വയംഭരണ സ്ഥാപനങ്ങൾക്കാവശ്യമായ കമ്പ്യൂട്ടറുകളും
അനുബന്ധ ഉപകരണങ്ങൾ വാങ്ങൽ

തദ്ദേശസ്വയംഭരണ സ്ഥാപനങ്ങൾക്കാവശ്യമായ കമ്പ്യൂട്ടറുകളുടേയും അനുബന്ധ ഉപകരണങ്ങളുടേയും സ്പെസിഫിക്കേഷൻ അനുബന്ധമായി ചേർത്തിരിക്കുന്നു. ഈ സ്പെസിഫിക്കേഷൻ അനുസരിച്ച് ബന്ധപ്പെട്ട തദ്ദേശസ്വയംഭരണ സ്ഥാപനങ്ങൾ കേരള സ്റ്റേറ്റ് സ്റ്റോർ പർച്ചേഴ്സ് റൂൾ പ്രകാരം വാങ്ങേണ്ടതാണ്.

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Specification for Rack mountable Server for Municipal Corporation

Feature	Technical Specification
Form Factor	2U Rack size, maximum
No. of Processors	2
Processors	Intel Xeon X 5690 (6 Core) Processor, 3.46 GHz
Chipset	Intel 5600 chipset or better
FSB	Intel QPI 6.4GT/s or better
Cache	12 MB.
Memory	32 GB using 4 GB sticks, PC3-10600E UDIMMs DDR3 Upgradeable to 128 GB or better
I/O Slots	6 PCIe G2 Slots
RAID controller	Support RAID-5, 6Gbps SAS Controller with 1 GB battery-backed cache
Drive Bays	Up to 16, 2.5" SAS
Hard Drives	4x300 GB, 2.5", (10K rpm) SAS Hot Plug or better
DVD	DVD RW 8X or Better
Video Controller	To support XGA resolution
Ports	4 USB, 1 Serial
Communication	Dual LAN Port (100/1000) with asset tracking and features security management, remote wake up
Power Supply	Two redundant 1100W hot plug Power supply (Independent, localised power cords) or better
Rack Support	Rack mounting kit with sliding arm rails and cable management arm
Power Management	Screen blanking, hard disk and system idle mode in power on, set up password, power supply surge protected
Remote Management	Remote management hardware with necessary software (including client side) for remotely connecting to the system and performing maintenance, including the OS Automatic server recovery
Certifications	Windows Server, and Red Hat or Novell (Linux) certified, Compliance and Support (should be verifiable from respective websites)
Warranty & Other	5 year comprehensive, onsite warranty from original manufacturer Pre-failure warranty for hard disk, memory Device drivers for all devices with media. Drivers for Components/devices should be digitally signed by Microsoft All I/O ports must be labelled

Server Specification for Municipality

Feature	Technical specification
Form Factor	Tower
No. Of Processors	1, 2 Capable
Processor	Intel Xeon E5645 (2.40GHz/6-core/12MB/80W) Processor (to be supplied with one) or better
Chipset	Intel 5600 Chipset or better
FSB	5.86 GT/sec Intel Quick Path interconnect (QPI) or better
Memory	8GB DDR3, 1333 MHz, 128GB Max or better
I/O Slots	4 PCI, PCI Express slots
Storage Controller	Raid controller with 256 MB Cache and support RAID 0,1,5 or better
Drive Bays	Minimum 4 Hot Swappable Drives Bays
Hard Drives	4 x 300 GB SAS (15 K rpm) hot plug or better
DVD	DVD RW 8X or Better
Ports	4 USB Ports and 1 Serial port
NIC	Dual LAN (10/100/1000) network card with asset feature tracking and security management, remote wake up
Power Supply	Two redundant hot plug Power supply (Independent, localised power cords)
Video	To support VGA or Above resolution
Monitor	17" TFT Monitor/ wide TFT, TCO-03 or TCO-99 certified
Keyboard & Mouse	101 Keys keyboard and optical mouse
Certification	Windows Server, and Red Hat or Novell (Linux) certified, Compliance and Support (should be verifiable from respective websites)
Warranty	5 year Comprehensive on site warranty from original manufacturer

Server Specification for District/Block/Grama Panchayat

Feature	Technical specification
Form Factor	Tower
No. Of Processors	1, 2 Capable
Processor	Intel Xeon E5620 (2.40GHz/4-core/80W/12MB) Processor (to be supplied with one) or better
Chipset	Intel 5600 Chipset or better
FSB	5.86 GT/sec Intel Quick Path interconnect (QPI) or better
Memory	8GB DDR3, 1066/1333 MHz, 128GB Max or better
I/O Slots	4 PCI, PCI Express slots
Storage Controller	Raid controller with 256 MB Cache and support RAID 0,1,5 or better
Drive Bays	Minimum 4 Hot-Swappable Drives Bays
Hard Drives	4 x 250 GB or higher enterprise class SATA HDD 7200 RPM
DVD	DVD RW 8X or Better
Ports	4 USB Ports and 1 Serial port
NIC	Dual LAN (10/100/1000) network card with asset feature tracking and security management, remote wake up
Power Supply	Non redundant power supply
Video	To support VGA or Above resolution
Monitor	17" TFT Monitor/ wide TFT, TCO-03 or TCO-99 certified
Keyboard & Mouse	101 Keys keyboard and optical mouse
Certification	Windows Server, and Red Hat or Novell (Linux) certified, Compliance and Support (should be verifiable from respective websites)
Warranty	5 year Comprehensive on site warranty from original manufacturer

Client Computer Specification

- 2nd Generation Intel Core i3-2120 Processor (3.3GHz, 3MB Cache) or better
- 1333MHz FSB or better
- Intel chipset with Intel or OEM motherboard having OEM or Intel logo embossed on it
- 2GB DDR3 SDRAM at 1333MHz and upgradeability to 4 GB or better
- 500GB SATA hard drive (7200RPM) or better, 16x or better DVD Rom drive
- 18.5" (47 cm) high resolution colour TFT LCD monitor having less than 15 ms response time (resolution 1360x768 or better with 32-bit colour)
- 10/100/1000 Mbps Ethernet Card, PXE enabled for remote booting and install facility
- Windows keyboard and optical scroll mouse with pad
- 2 front panel high speed USB 2.0 ports and Audio ports
- 2 USB Ports, 1 serial and parallel port at rear
- Localised power cords, Active management technology support preferable
- Certification from Microsoft for Windows XP/ Vista (the model offered should be listed on the certifier website and should be verifiable by IKM)
- Windows XP Professional preloaded with Windows Vista/7 license and media
- Drivers for components/devices should be digitally signed by Microsoft
- 5 year comprehensive onsite warranty direct from manufacturer

Peripherals

Dot Matrix Printer 80 column

- 24 pin, 80 column dot matrix printer
- Print speed of 300 cps for draft (10 cpi), minimum speed for LQ - 80 cps (10 cpi)
- Serial (or USB) and parallel ports, preferably with auto sense to select the port
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3 year comprehensive warranty onsite
- Optional: Multilingual printing capability (Inscript) with flash memory for character set updates

Dot Matrix Printer 136 column

- 24 pin, 136 column dot matrix printer
- Multi lingual printing capability (Inscript) with flash memory for character set updates.
- Print speed of 300 cps for draft (10 cpi), minimum speed for LQ - 80 cps (10 cpi)
- Serial (or USB) and parallel ports, preferably with auto sense to select the port
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3 year comprehensive warranty onsite

Inkjet Printer A4

- Printing capability on A4 paper
- Print speed up to 20 ppm for BW and 14 for colour or better on A4 paper
- Resolution 600 dpi or better
- Print Quality 4800 x 1200 dpi or better
- USB 2.0 interface
- Localised power cords
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3-year comprehensive on site warranty

Monochrome Laser Printer A4 with Duplex

- 600 dpi resolution or better
- A4 paper size, 25 PPM (A4 Size) printer speed or better
- 1 USB port
- 10/100 Mbps Network Card
- Automatic Duplex printing

- Minimum 1 paper tray (A4/Letter)
- Localised power cords
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3-year comprehensive on site warranty

Monochrome Laser Printer A4

- Monochrome laser printer
- Printing capability on A4 paper
- Print speed up to 20 ppm or better on A4 paper
- Resolution 600 dpi or better
- USB 2.0 interface
- Localised power cords
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3-year comprehensive on site warranty

Colour Laser Printer A4

- Colour 600 dpi Resolution
- Print Speed (A4 Size): 16 ppm BW and 4 ppm Colour
- A4 Paper size
- 1 USB Port, 8 MB Memory
- 10/100 Mbps Network Card,
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3-year comprehensive on site warranty

Monochrome Laser Printer A3 with Duplex

- 600 dpi Resolution (mono) or better
- A3, A4 paper feed capable, 22 ppm print speed or better
- 1 USB port, 32 MB Memory or better
- 10/100 Mbps Network Card
- Automatic Duplex printing
- Minimum 1 paper tray (A4/Letter/A3)
- Localised power cords
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3-year comprehensive on site warranty

Scanner A4

- Resolution 1200 dpi or better
- USB port
- Flat bed, A4 Document size
- Necessary software including drivers for Windows 2000/XP/Vista/2003/ 7 /2008 and Linux
- 3 year comprehensive onsite warranty

Specifications of On-line UPS

5kVA UPS

- 5kVA on-line UPS
- On-line UPS with isolation transformer & with PWM Technology, Floor mounted type suitable for single phase AC input voltage 160V to 260V, 50+/-1.5Hz and single phase AC output voltage 230+/-1%V, 50+/-0.5Hz.
- It shall be housed in a rugged enclosure made of M.S Sheet 1.2 mm (minimum) thick, aesthetically finished, duly pre-treated and powder coated.
- 1 hour battery backup on full load
- 3-year comprehensive on site warranty

3kVA UPS

- 3kVA on-line UPS
- On-line UPS with isolation transformer & with PWM Technology, Floor mounted type suitable for single phase AC input voltage 160V to 260V, 50+/-1.5Hz and single phase AC output voltage 230+/-1%V, 50+/-0.5Hz.
- It shall be housed in a rugged enclosure made of M.S Sheet 1.2 mm (minimum) thick, aesthetically finished, duly pre-treated and powder coated.
- 2 hours battery backup on full load
- 3-year comprehensive on site warranty

2kVA UPS

- 2kVA on-line UPS
- On-line UPS with isolation transformer & with PWM Technology, Floor mounted type suitable for single phase AC input voltage 160V to 260V, 50+/-1.5Hz and single phase AC output voltage 230+/-1%V, 50+/-0.5Hz.
- It shall be housed in a rugged enclosure made of M.S Sheet 1.2 mm (minimum) thick, aesthetically finished, duly pre-treated and powder coated.
- 4 hours battery backup on full load
- 3-year comprehensive on site warranty

1kVA UPS

- 1kVA on-line UPS
- On-line UPS with isolation transformer & with PWM Technology, Floor mounted type suitable for single phase AC input voltage 160V to 260V, 50+/-1.5Hz and single phase AC output voltage 230+/-1%V, 50+/-0.5Hz.
- It shall be housed in a rugged enclosure made of M.S Sheet 1.2 mm (minimum) thick, aesthetically finished, duly pre-treated and powder coated.
- 4 hours battery backup on full load
- 3-year comprehensive on site warranty