



Republic of the Philippines  
Department of Health  
**MARGOSATUBIG REGIONAL HOSPITAL**  
Margosatubig, Zamboanga del Sur



(0981) 141-4419

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<http://mrh.doh.gov.ph>

Date: \_\_\_\_\_

Validity: 60 days

Minimum Technical Requirements for  
**TOWER COMPUTER SERVER**

**PRODUCT SPECIFICATIONS:**

- Processor
  - One Intel® Xeon® E-2300 series processor with up to 8 cores per processor
- Memory
  - 4 DDR4 DIMM slots
  - Supports UDIMM 128GB max
  - Speeds up to 3200 MT/s
- Storage controllers
  - Internal controllers (RAID)
    - PERC H755
    - PERC H355
    - PERC H345
    - HBA 355i
    - S150
  - Internal boot
    - Internal dual SD module or boot optimized storage subsystem (BOSS-S2)
    - HWRAID 2 x M.2 SSD or internal USB 3.0
  - External HBAs (Non-RAID)
    - HBA355e
- Power supply
  - 700W titanium
  - 220 – 240Vac
- Cooling
  - Air cooling

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PREPARED & REVIEWED BY

END USER: \_\_\_\_\_  
DESIGNATION: \_\_\_\_\_

JAMES CARLTY D. LABADAN, ECE  
CHAIRPERSON

KEVIN S. CATAGUE, ECE  
VICE-CHAIRPERSON

JOEL L. LUNA  
MEMBER

IVAN PAUL L. TANO, ECE  
MEMBER

CRIS ABEL M. GUEVARRA, MPA  
MEMBER

APPROVED BY:

RICHARD B. SISON, MD, MHA, FPCHA, FPSMS  
Medical Center Chief II

*Philhealth Accredited*  
REVISION: 7

FM-MCC-005

EFFECTIVITY DATE: APRIL 1, 2024



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Minimum Technical Requirements for  
**TOWER COMPUTER SERVER**

- Fan
  - System fan
  - One non hot swap fan
- Form factor
  - 4.5 U tower server
- Embedded management
  - iDRAC9
  - iDRAC Direct
  - iDRAC RESTful with Redfish
  - iDRAC service module
- integration and connection
  - Openmanage integration
    - BMC truesight
    - Microsoft system center
    - Red hat ansible modules
    - VMware vCenter and vRealize operations manager
  - Openmanage connection
    - IBM Tivoli netcool/OMNIBUS
    - IBM Tivoli network manager IP edition
    - Micro focus operations manager
    - Nagios core
    - Nagios XI
- Security
  - Cryptographically signed firmware

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Minimum Technical Requirements for  
**TOWER COMPUTER SERVER**

- Secure boot
- Secure erase
- Silicon root of trust
- System lockdown
- Embedded NIC
  - 2 x 1 GbE LOM
- Ports
  - Front ports
    - 1 x dedicated iDrac port
    - 1 x USB 3.0
  - Rear ports
    - 5 x USB 2.0
    - 1 x iDrac dedicated port
    - 1 x USB 3.0
    - 1 x VGA
    - 1 x Serial
- Cache Memory 64GB UDIMM, 3200MT/s, ECC
- Storage: 4TB Hard Drive, RAID5
- Hard Drive 3.5" Chassis up to 4 Cabled Hard Drives
- Optical Drive DVD+/-RW SATA Internal
- Microsoft® Windows Server® with Hyper-V
- Mouse
- Keyboard

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Minimum Technical Requirements for  
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**STANDARD ACCESSORIES:**

***NOTE: accessories sets is per unit***

- Online UPS compatible with power requirements

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**STANDARD REQUIREMENTS UPON SUBMISSION OF BIDDING DOCUMENTS**

- User manual

**REQUIREMENT/S IF AWARDED THE CONTRACT**

- Unit must be **BRAND NEW**.
  - Manual in English Language
- One (1) year warranty on parts and service after commissioning and acceptance
- **Section V. Special Conditions of the Contract**
  - Delivery Place: Margosatubig Regional Hospital, Zamboanga del Sur
- **Section VI Schedule of Requirements**
  - Completion/Delivery Period: \_\_\_\_ calendar days upon receipt of the Notice to Proceed including the delivery, installation, testing and commissioning, Partial delivery allowed within the completion/delivery period.

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