



OFFSITE APPLICATION RACK SERVER MACHINE
MINIMUM SPECIFICATIONS
C/O MIS Division

PARTICULARS	SPECIFICATIONS
FORM FACTOR	
• Type	Rack
• Height	Maximum of 2U
PROCESSOR	
• Number	2 x Physical CPUs
• Cores	At least 10 Cores/CPU
• Threads	At least 20 Threads/CPU
MOTHERBOARD	
• LAN Ports	At least 2 x 1GbE
• Video Port	At least 1 x VGA
• Drive Expansion Slot	At least 1 x M.2 NVMe
MEMORY	
• BASE RAM	At least 1 x 8GB Stock RAM
• ADDITIONAL RAM	At least 4 x 16GB Additional RAM
STORAGE	
• SOLID STATE DRIVE	1 x 240GB M.2 NVMe SSD
• RAID ARRAY	8 x 480GB SSD
o BACKPLANE	Compatible Backplane for 8 Drive Bay
o RAID CONTROLLER	1 x 12Gb PCIe RAID Adapter
POWER SUPPLY	2 x of at least 750W Power Supply (True Rated)
ACCESSORIES	Rail kit
	Monitor
	USB Keyboard
	USB Mouse

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

Prepared by:


Mark Steven C. Lu
Computer Services Chief, SAM Section
Management Information Services Division

For: Offsite Application Server
SPECS-MISD-2023-01-001 v.3

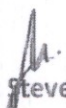


STANDARD DESKTOP COMPUTER MINIMUM SPECIFICATIONS

PARTICULARS	SPECIFICATIONS
PROCESSOR	
• Frequency	At least 2.40GHz
• Cores	At least 8 Cores
MEMORY SIZE	16GB
STORAGE SIZE	
• Solid State Drive	240GB
• Hard Disk Drive	1TB
VIDEO GRAPHICS CARD	At least 2GB Video RAM
MONITOR	At least 20"
MOTHERBOARD FEATURES	USB 2.0 & 3.0
	Onboard/Built-in Video Port
	Onboard Ethernet (RJ45)
	Audio Ports (Speaker & Microphone)
OPERATING SYSTEM	Licensed Windows 11 Professional or latest
OTHER ACCESSORIES INCLUDED	USB Optical Mouse
	USB Keyboard
	Automatic Voltage Regulator (AVR)
	1500VA Uninterrupted Power Supply (UPS)
	Compatible Video Monitor Cable
	Power Cables
	ATX Tower Casing

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

Prepared by:


Mark Steven C. Lu
Officer In-charge, SAM Section
Management Information Services Division

For: Offsite Server /
Monitoring Equipment
SPECS-MISD-2023-01-003 v.2



NETWORK DEVICES
MINIMUM SPECIFICATIONS
C/O MIS Division

AC MESH WIFI SPECS-MISD-2022-12-002	
PARTICULARS	SPECIFICATIONS
FREQUENCY & SPEED	Dual Band At least 400Mbps @ 2.4Ghz At least 867Mbps @ 5GHz
INTERFACE	At least 2 LAN Gigabit Ethernet Ports WAN Ports

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

5 PORTS POE SWITCH SPECS-MISD-2022-12-003	
PARTICULARS	SPECIFICATIONS
PORTS	5 x 10/100/1000 Mbps Ports
POE PORTS	4 RJ45 PoE Ports

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

6U NETWORK CABINET SPECS-MISD-2022-12-006	
PARTICULARS	SPECIFICATIONS
NETWORK CABINET	
• SIZE	6U
• POWER DISTRIBUTION UNIT	At least 6 ports/socket PDU
• FAN	At least 1 fan
• MOUNT TYPE	Wall mount
• OTHER INCLUDED ACCESSORIES	Cagenuts & bolts

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

1500VA UNINTERRUPTED POWER SUPPLY (UPS) SPECS-MISD-2022-12-007	
PARTICULARS	SPECIFICATIONS
CAPACITY	1500VA

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

Prepared by:


Mark Steven C. Lu
Computer Services Chief, SAM Section
Management Information Services Division

For: Offsite Server / Network Devices
(SPECS-MISD-2023-01-002)



CLOUD ROUTER SWITCH
MINIMUM SPECIFICATIONS
C/O MIS Division


CLOUD ROUTER SWITCH**	
SPECS-MISD-2022-12-005	
PARTICULARS	SPECIFICATIONS
BRAND	MIKROTIK
MODEL	CRS326-24G-2S+RM

NOTE: Unit should come with one (1) year warranty and all other accessories that come with it.

** Brand & model has been specified due to the compatibility requirement of the existing **network**. In reference to Section 18, Rule VI of the 2016 Revised IRR of RA 9184:

"Specifications for the procurement of Goods shall be based on relevant characteristics, functionality and/or performance requirements. Reference to brand names shall not be allowed except for items or parts that are compatible with the existing fleet or equipment of the same make and brand, and to maintain the performance, functionality and useful life of the equipment."

Prepared by:


Mark Steven C. Lu
Computer Services Chief, SAM Section
Management Information Services Division

For: Offsite Server /
Network Devices
(SPECS-MISD-2023-01-004)