



बेलबारी नगरपालिका
BELBARI MUNICIPALITY



नगर कार्यपालिकाको कार्यालय
OFFICE OF THE MUNICIPAL EXECUTIVE

बेलबारी, मोरङ

BELBARI, MORANG

कोशी प्रदेश, नेपाल
(KOSHI PROVINCE, NEPAL)

☎ 021-434259
021-434213

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मिति: २०८१।११।२७

ने.स. ११४४ चिल्लाथ्व ११ सोमवार

दररेट पेस गर्ने सम्बन्धी सूचना

आर्थिक वर्ष २०८१/०८२ का लागि स्वीकृत वार्षिक योजना अन्तर्गत संलग्न अनुसूची बमोजिमका सामग्रीहरू खरिद गर्नुपर्ने भएको हुँदा खरिद प्रकृयाका लागि सार्वजनिक खरिद नियमावली २०६४ को नियम ११ को उपनियम (२) बमोजिम स्थानीय बजारमा प्रचलित दरभाउ बमोजिम लागत अनुमान तयार गर्नुपर्ने भएकोले स्थानीय स्तरमा रहेका संलग्न स्पेसिफिकेसनका सामग्रीहरूको दरभाउ अनुसूची १ र आवश्यक पर्ने कागजात सहित मिति २०८१।१२।०५ गते कार्यालय समय भित्र पेस गर्नुहुन सम्बन्धी सबैमा जानकारीका लागि यो सूचना प्रकाशित गरिएको छ ।

आवश्यक पर्ने कागजातहरू

१. अनुसूची १ बमोजिमको दररेट पेस ।
२. स्थायी लेखा प्रमाणपत्र (मु.अ.करमा दर्ता भएको) ।
३. सम्बन्धित स्थानीय तहमा दर्ता प्रमाणपत्र र सोको नविकरण ।
४. आर्थिक वर्ष २०८०/०८१ को करचुक्ता प्रमाणपत्र ।

किरण प्रसाद ढकाल
प्रमुख प्रशासकीय अधिकृत

किरण प्रसाद ढकाल
प्रमुख प्रशासकीय अधिकृत



अनुसूची १

किरण प्रसाद ढकाल
प्रमुख प्रशासकीय अधिकृत
मिति: २०८१।.....

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नगर कार्यपालिकाको कार्यालय
बेलवारी, मोरङ ।

विषय: दरभाउ पेस गरिएको सम्बन्धमा ।

प्रस्तुत विषयमा बेलवारी नगरपालिकाको मिति २०८१।११।२७ गते प्रकाशित सूचना मुताबिक तर्हीबाट तयार गरिएको स्पेसिफिकेसनको स्थानीय बजारमा देहाय बमोजिम दररेट रहेको र सोही बमोजिम आवश्यक कागजात सहित पेस गरिएको व्यहोरा अनुरोध छ ।

क्र.स.	सामग्रीको नाम	परिमाण	इकाइ	दर (मु.अ.कर बाहेक)	रकम	कैफियत
१.	Interactive Panel Board	१	थान			
२.	6U Rack	१	थान			
३.	Manageable Switch	१	थान			
४.	CAT6 Cable	१	काटुन			
५.	CCTV Camera	१	थान			
६.	NVR 16 Port	१	थान			
७.	Hard Disk 8TB	१	थान			
८.	PoE 8 Port	१	थान			
९.	Desktop Computer Set	१	थान			
१०.	Monitor	१	थान			
११.	Air Condition	१	थान			
१२.	Network Attached Storage (NAS)	१	थान			
१३.	Hard Disk for NAS	१	थान			
	जम्मा					
	१३ प्रतिशत मु.अ.कर					
	कुल					

पेस गर्नेको

हस्ताक्षर:.....

हस्ताक्षर गर्नेको नाम:.....

पद:

फर्म / व्यवसायको नाम:.....

ठेगाना:.....

सम्पर्क नं. :.....

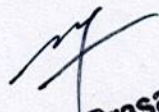
इमेल ठेगाना:.....



1. Specification: (65" LED- Interactive Smart Board)

Parameter	Specification
Android System Parameter	
RAM	4GB DDR4 or Higher
ROM (Built in Internal Storage)	32GB or higher
CPU	Quad Core processor
GPU	G52 2EE MC1@550MHz or equivalent
System OS Version	Android 11.0 or higher
System Language Support	Default English and others Language in android OS
Display & Touch Parameter	
Size	65inch
Touch Tool	Finger or any other non-transparent object
Screen Type	IPS LED screen with backlight Type-D-LED or equivalent
Resolution	3840*2160 (4K) screen Resolution
Brightness	350 cd/m ² or higher
Panel Orientation and Aspect Ratio:	Landscape, 16:9
Viewing Angle (Horizontal/vertical):	Real 178 degrees, the screen image should be veryclear with no fuzziness when viewing from 178 degrees horizontally or vertically to the display
Touch screen Glass	3.2 mm Anti-Glare Toughened Glass or higher
Touch Response Time	≤8ms
Touch Accuracy	±1mm
TouchTechnology	Infrared touch, 40 pointstouch support in whiteboard application
On-Screen Gesture	Should support gestures to pull up the menu or easy to locatethe floating toolbar at any place of Screen
	The gesture menu can quickly adjust or perform the panel brightness, sound adjustment, Screenshot, Split Screen (Split the Screen in two part), Screen Lock, Screen Record, Spot light, Annotation mode and other functions
Parallel Operating System Support	Capable to run Both android and windows operating system on the same Screen at the Same time (Half Screen for Android and Half Screen for Windows)
LED Screen Life	At least 50,000 hrs. or higher
Connectivity	
Wi-Fi	Support 2.4GHz and 5GHz Dual Band Wi-Fi, Hidden mode design, no external antenna
Bluetooth	Bluetooth Function
NFC	Near Field Connectivity (NFC) Function for wirelessly open the white board through Smart pen and connect with others NFC compatible devices
Hotspot	Hotspot Function 2.4GHz and 5GHz Wi-Fi Dual Band, Hidden mode design, no external antenna
Wireless Screen Mirroring	Wireless Screen Mirroring Feature Support on Linux, Windows, MAC, IOS and Android OS Platform.
Remote Controller	Wireless Remote Controller for Smart board.
Apps Download Sources	Google Play Store for downloading android applications
Other Features	
Speaker Power	15 x 2 Watt Built in Speaker or higher
Default features in Whiteboard Application	<ul style="list-style-type: none"> Built in Search Engine in whiteboard app Feature in whiteboard application contents Convert in QR-Image also have feature to save contents Both Internal Storage of IFP and Cloud (G-drive / One-drive) System
OTA System Update	app for periodic OTA Update via internet



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Input/output Interface	
Ports	Product must have input/output Ports are must be equal or more than given below: HDMI port-3 USB port- 5 VGA port-1 Display Port-1 LAN/Ethernet port-2 RS232 port-1 Touch-USB -1 Must have Front side USB 3.0*1, Type C*1, Touch USB*1, HDMI In*1 ports
Front Side Button	Power on & off, Home Page, Return, Setting, Volume
Free Accessories	
Normal Magnetic writing Pen*2, Remote Controller*1, Wall Mount bracket*1, HDMI Cable*1, Touch Cable*1, Power Cable *3 etc.	
Product Certification, Authorization and Warranty	
ISO Certified product. 3 Years Product Warranty. Training & Tech Support Online Provides.	


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2. 6U Rack


- Load-bearing capacity: 40kg
- Black Colour: Front Door
- Reversible, can be fitted on left or right
- 180 opening for unobstructed access to equipment
- Fitted with lock Cable Entries:
- Provided on both top and bottom rear edges of the cabinet
- Covered with sliding blanking panels and butterfly nuts
- Variable number of openings Extrusions:
- One pair of sliding 19" vertical extrusions
- Additional pair of extrusions (optional)

3. Manageable Switch

Ports	26 x 10/100/1000Base-T, 24 x PoE+ ports
PoE	370W, IEEE 802.3at / IEEE 802.3af
Switching Capacity	56 Gbps
Forwarding Rate	41.664Mpps
MAC Address Table	8000
Max. VLANs	16
Fan	Built-in, lower than 25 °C stop running
Port Surge	4 kV
Dimensions (W x D x H)	440 mm x 214.9 mm x 44 mm
MTBF	> 200,000
Warranty	3 Years
Certification	CE, FCC
Cloud Managable	Yes

4. CAT6 Cable

General	
Rip-cord	Yes
Category	Cat.6
Sheath printing	4PR 23AWG 75°C U/UTP CAT6 VERIFIED TO ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy Tracing Code-HS
Reference standard	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0
Fire resistance	No
Separator	Yes
Conductor	
Material	Solid-Bare Copper (99.95%)
Diameter	0.55 ± 0.005 mm, 23 AWG
Insulation	
Material	HDPE
Diameter	0.98 ± 0.05 mm
Sheath physical properties	
Before aging	Tensile strength ≥ 13.5 Mpa Elongation ≥ 150%
Aging period	100°C × 24h × 10d
After aging	Tensile strength ≥ 12.5 Mpa Elongation ≥ 125%
Cold bend	-20 ± 2°C × 4h, 8 × cable O.D, no visible cracks
Electrical Characteristics(20°C)	


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1.0-250.0 MHz impedance	100 ± 15 Ω @ ≤ 100 MHz 100 ± 25 Ω @100-250 MHz
1.0-250.0 Mhz delay skew	≤ 45 ns/100 m
DC resistance	≤ 9.38 Ω/100 m
DC conductor resistance unbalance	≤ 5.0%
Cable length	(305 ± 1.5) m
Ambient temperature	-20°C to 75°C (-4°F to 167°F)
Operating voltage	60 V
Sheath	
Thickness	0.50 ± 0.10 mm
Material	PVC
Color	Orange
Diameter	6.00 ± 0.30 mm

5. CCTV Camera

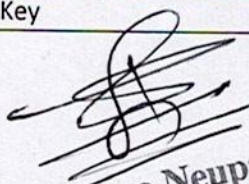
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light
Day & Night	24/7 color imaging
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 96°, vertical FOV 52°, diagonal FOV 113° 4 mm, horizontal FOV 76°, vertical FOV 41°, diagonal FOV 89°
Iris Type	Fixed
DORI	
DORI	2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m 4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
Video	
Main Stream	50 Hz: 20 fps (2560 × 1440), 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)

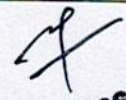

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Third Stream	50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Network	
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), basic and digest authentication for HTTP/HTTPS, digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP, HTTPS, DDNS, UPnP, 802.1X
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Web Browser	Yes
Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Interface	
Video Output	NA
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Built-in Microphone	Yes
Audio	NA
Reset Key	Yes



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Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart Event	Line crossing detection, intrusion detection
General	
Power	12 VDC \pm 25%,
Material	Cover: plastic, main body: metal
Weight	Approx. 300-450 gram
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F).
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F).
Language	English
General Function	password protection, password reset via email, pixel counter
Approval	
EMC	FCC: 47 CFR Part 15, Subpart B
Protection	IP67:

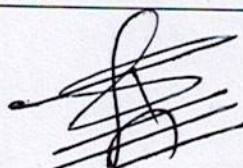

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6. NVR 16 Port

Control Unit	
System memory	2G
EMMC	8G
Intelligent Analytics	
AI by Device	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch, 8 MP
Face Picture Comparison	4-ch
Motion Detection 2.0	
By Camera	All channels
Perimeter Protection	
By Device	2-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
Video and Audio	
IP Video Input	8-ch
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	160 Mbps
HDMI Output	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
Video Output Mode	HDMI/VGA independent output
Audio Output	1-ch,
Decoding	
Decoding Format	H.265/H.265+/H.264+/H.264
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/
Synchronous playback	8-ch
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
Network	
Remote Connection	128


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API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 16 TB capacity for each HDD
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	4/1
General	
GUI Language	English
Power Supply	12 VDC, 3.3 A
Consumption	≤ 15 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%

7. Hard Disk 8TB

General Information	
Capacity	8 Terabytes (TB)
Form Factor:	3.5-inch
Interface	SATA III (6Gbps)
Drive Type	Surveillance-Grade HDD
Compatibility	Compatible with DVR, NVR, and Hybrid Systems
Performance	
Data Transfer Rate:	Up to 6 Gbps (SATA III)
Rotational Speed:	7,200 RPM
Cache Buffer	Minimum 128MB (Recommended: 256MB)
Workload Rating:	180 – 550 TB/year (Designed for 24/7 Operation)
Reliability & Durability	
Mean Time Between Failures (MTBF):	Minimum 1 Million Hours
Power-On Hours	24/7 Continuous Operation
Power Consumption	
Average Read/Write Power:	6 – 9W
Idle Power Consumption	4 – 5W
Standby/Sleep Mode	≤ 1W
Environmental Conditions	
Operating Temperature	0°C to 65°C
Humidity:	5% to 90%
Warranty	
Minimum 3 Years Limited Warranty (Recommended: 5 Years)	


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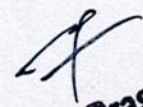
8. PoE 8 Port

- 8*10/100Mbps PoE Ports + 2*10/100Mbps RJ45 Uplink Ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3x standard
- Ethernet port supports 10/100Mbps adaptive
- Support POE Priority(QOS) : 1>2>3>4>5>6>7>8(The port in front has higher priority)
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts back pressure standard
- Support Port Auto-flip(Auto MDI/MDIX)
- Adopting store-and-forward switching mechanism
- All ports support wire-speed switching
- Zero configuration feature, automatically supplied to adaptive equipment.
- Panel indicator monitoring status and help failure analysis
- With three gears and one key intelligent dip switch, support VLAN, Default, Extend three modes
- Surge Protection: General 4KV (level C) : ESD 8KV air, 6KV contact level C)

9. Desktop Computer Set

Processor	Intel Core i3 12100(4 CORE)
	12M CACHE,
	3.3GHZ TO 4.3GHZ)
Memory / RAM	DDR4 3200 8GB RAM,
	2 SLOT MAX UPTO 64GB
Storage	256 GB NVME SSD
Graphics Card	Intel UHD Graphic Card
Slot	One PCIe x16 slot. One PCIe x1 slot or Two PCIe x1 slots + one PCI-32 slot,
	Three SATA 3.0 slots . One M.2 2230 slot for WiFi and Bluetooth combo card,
	One M.2 2230/2280 slot for solid-state drive
Keyboard	English Keyboard and mouse
Networking	Intel(R) Wi-Fi 6 AX201,
	2x2,
	8 02.11ax, Bluetooth(R) wireless card
Front Ports	2x USB 3.2 Gen 1 ports,
	2x USB 2.0 ports,
	1x Global headset jack,
	1x SD-card slot
Back Ports	2x USB 2.0 ports,
	2x USB 3.2 Gen 1 ports,
	1x Audio line-out port,
	1x HDMI 1.4b port,
	1x DisplayPort 1.4,
	1x RJ-45 Ethernet port,
Power	1x AC power-supply port
	240 W internal PSU,
	85% Efficient,
Others	80 PLUS Bronze
	DVD Players


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Viewable Screen Size	22"
Screen mode	HD
Response time	5 ms
Aspect ratio	16:9
Backlight technology	WLED
Maximum resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Standard refresh rate	60 Hz
Native contrast ratio	600:1
Package contents	1 x Power cable 1 x HDMI 1 x VGA
HDMI	Yes
VGA	Yes
Power consumption (max)	41 Watt
Power consumption stand by	0.3 Watt
Input voltage	AC 100-240 V (50/60 Hz)

10. Monitor

Specification	Details
Panel Size	24.5"
Panel Resolution	1920 x 1080 (FHD)
Refresh Rate	100Hz
Response Time	1ms (MPRT) / 4ms (GTG)
Panel Type	IPS
Brightness (NITS)	300 cd/m ²
Viewing Angle	178°(H) / 178°(V)
Aspect Ratio	16:9
Contrast Ratio	1300:1
sRGB	101% (CIE 1976)
Active Display Area (mm)	543.7(H) x 302.6(V)
Pixel Pitch (H x V)	0.2832(H) x 0.2802(V)
Surface Treatment	Anti-glare
Display Colors	16.7M
Color Bit	8 bits (6 bits + FRC)
Video Ports	1x HDMI™ (1.4b), 1x D-Sub (VGA)
Audio Ports	1x Line-in, 1x Headphone-out
Kensington Lock	Yes
Speaker	2x 2W
VESA Mounting	100 x 100 mm
Power Type	External Adaptor (12V 2.5A)
Power Input	100240V, 5060Hz
Adjustment (Tilt)	-5° ~ 20°
Dimension (W x H x D)	557.5 x 422.1 x 207.2 mm (21.95 x 16.62 x 8.16 inch)
Weight (NW / GW)	2.9kg (6.39lbs) - 4.4kg (9.70lbs)


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11. Air Condition

Specification		Details	
Type	Wall Mount DC Inverter		
Star Rating	NA		
Function	Cooling & Heating		
Capacity	Btu/Hr		2TON (24000)
EER (Cooling/Heating)	W/W		10.7 / 10.5
COP (Cooling/Heating)	W/W		3.13 / 3.07
Electrical Data			
Voltage	V		230
Running Current (Heating/Cooling)	A		9.2 / 9.6
Power Input (Heating/Cooling)	KW		2.00 / 2.10
Moisture Removal	L/h		3.3
	Pt/h		7.0
Air Circulation (Indoor/Hi)	m3/min		18.5
	ft3/min		653
Indoor Unit Dimensions & weight			
Height	mm		290
Width	mm		1070
Depth	mm		235
Net Weight	Kg / lb		12 / 26.4
Refrigerant Pipe Diameter			
Liquid Side	mm (inch)		6.35 (1/4")
Gas Side	mm (inch)		15.88 (5/8")
Outdoor Unit Dimensions & weight			
Height	mm		600-635
Width	mm		820-830
Depth	mm		280-320
Net Weight	Kg		40-50
Noise Level	Indoor(H/L/Q-Lo)		50/43 dB(A)
Noise Level	Outdoor		60 dB(A)
Pipe Extension			
Charge-less Pipe Length	m		7.5
Maximum Pipe Length	m		15
Maximum Elevation Length	m		10
Additional Refrigerant Gas	g/m		20
Power Supply			Indoor
Operation Conditions	Temperature		-5~46 °C
	Voltage		230 V
	Frequency		50 Hz
Refrigerant Gas			R410a
Condenser Type	Copper Coil		Blue Fin
Warranty	Year		5
User Control			Remote Controller


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12. Network Attached Storage (NAS)

Parameter	Specification
CPU	
CPU Quantity	1
CPU Core	4
CPU Architecture	64-bit
CPU Frequency	2.2 GHz
Hardware Encryption Engine	Yes
Memory	
System Memory	4 GB DDR4 ECC SODIMM
Memory Module Pre-installed	4 GB (4 GB x 1)
Total Memory Slots	2
Maximum Memory Capacity	32 GB (16 GB x 2)
Storage	
Drive Bays	8
Maximum Drive Bays with Expansion Unit	12 (RX418 x 1)
Compatible Drive Type	<ul style="list-style-type: none"> • 3.5" SATA HDD • 2.5" SATA HDD • 2.5" SATA SSD
Hot Swappable Drive	Yes
External Ports	
RJ-45 1GbE LAN Port	4
SB 3.2 Gen Port	2
Expansion Port Type	eSATA
PCIe	
PCIe Expansion	1 x Gen3 x8 slot (x4 link)
Appearance	
Form Factor (RU)	2U
Rack Installation Support	4-post 19" rack
Others	
System Fan	80 mm x 80 mm x 2 pcs
Fan Speed Mode	Full-Speed Mode, Cool Mode, Quiet Mode
Power Recovery	Yes
Noise Level*	53.5 dB(A)
Scheduled Power On / Off	Yes
Wake on LAN / WAN	Yes
Power Supply Unit / Adapter	350 watts


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Redundant Power Supply	Yes
AC Input Power Voltage	100 V to 240 V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	61.94 watts (Access)

13. Hard Disk for NAS

Hardware Specifications	
General	
Capacity	16 TB
Form Factor	3.5"
Interface	SATA 6 Gb/s
Performance	
Rotational Speed	7,200 rpm
Maximum Sustained Data Transfer Speed (Typ.)	281 MB/s
Reliability	
Warranty	3 Years
Power Consumption	
Active Idle (Typ.)	4.14 W
Random Read / Write (4KB Q1)(Typ.)	7.48 W
Temperature	
Operating	5°C to 60°C (41°F to 140°F)
Non-operating	40°C to 70°C (-40°F to 158°F)
Compatibility	
Applied Models	HAT3310-16T or Equivalent
Notes	The warranty period starts from the purchase date as stated on your purchase receipt & Power consumption may differ according to configurations and platforms.


Krishna Neupane
IT Officer


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Chief Administrative Officer