

Budgeted IT Equipments Specification

Desktop | Quantity = 3

Intel Core i7 3.0GHz 13th Gen processor
32GB DDR4 3200MHz RAM (2X16GB)
1TB NVMe Solid State Drive
Gigabit Ethernet Controller
Wireless Optical Mouse 1600DPI
Wireless Keyboard qwerty with number pads
Nvidia RTX 4090 DDR6 24GB graphics Card
1000-Watt Modular Power Supply Unit
2 x 24" Monitor with desk mount brackets 180° rotation adjustment (HDMI or DP cables included)
Webcam (USB A Plug n Play, Full HD 1080p/30fps, Autofocus, Tripod, 2 omni-directional mics, Privacy shutter)
Wired USB Headphone with mic
8 gang power Extension board UK style Plug

Desktop | Quantity = 10

Micro Computer Desktop (Micro Form Factor)
12th Gen Intel® Core™ i5 or higher
16 GB, 1 x 16 GB, DDR4
256GB NVMe Solid State Drive
Wireless Keyboard
Wireless Optical Mouse
2 USB 3.2 Gen 1 ports
1 Universal audio jack
1 RJ45 Ethernet port 10/100/1000 Mbps
1 DisplayPort
1 HDMI port
1 Power adapter port
Bluetooth
Wireless Card with Internal Antenna
2 x 24" FHD (1920 x 1080) Display Port and HDMI Port with cable, bezel-less display
VESA Mounting Brackets
Webcam (USB A Plug n Play, Full HD 1080p/30fps, Autofocus, Tripod, 2 omni-directional mics, Privacy shutter)
Wired USB Headphone with mic
8 gang power Extension board UK style Plug

Printers | Quantity = 4

Print Mode : Color

Ink Type : CYMK ink

Required Printing Resolution: 4800 X 1200 DPI

Paper : Plain: A4, A5, Envelope DL

Printer Type Desk Printer

Printing Functions Duplex Printing, Borderless printing

Feeder Flatbed

Method Contact Image Sensor

Supported Optical Resolution 1200 X 2400 DPI

Bit Depth 16/8 Bit (Gray Scale)

48/24 Bits (RGB each 16/8 bits)

Document Size A4 Flatbed

Communication USB 2.0 or higher

Platform

Power AC 220 - 240V input Power Adaptor (Must Include a converter is power plug is not UK 3Pin)

Consumables Ink Cartridge

IP Phone | Quantity = 10

1 SIP accounts or More

Call hold, mute, DND

One-touch speed dial, hotline

Call forward, call waiting, call transfer

Group listening, SMS

Redial, call return, auto answer

Local 3-way conferencing

Direct IP call without SIP proxy

Ring tone selection/import/delete

Set date time manually or automatically

Dial plan, off hook hot line

XML Browser, Action URL/URI

Directory

Local phonebook up to 1000 entries

XML/LDAP remote phonebook

Smart dialing

Phonebook search/import/export

Call history: dialed/received/missed/forwarded

IP-PBX Features

Busy Lamp Field (BLF), Bridged Line Appearance (BLA)

Anonymous call, anonymous call rejection

Hot-desking, emergency call

Message Waiting Indicator (MWI)

Voice mail, call park, call pickup

Intercom, music on hold

Call completion, call recording

Flexible seating

Executive and Assistant

Centralized call recording

Visual voice mail

Display and Indicator

graphical LCD with backlight

LED for call and message waiting indication

line status information

Caller ID with name and number

Power saving

Feature keys

3-line keys with LED

5 features keys: message, headset, redial, Tran,
hands-free speakerphone

6 navigation keys

Volume control keys

Interface

Dual-port Gigabit Ethernet

Power over Ethernet (IEEE 802.3af), class 2

1 x RJ9 (4P4C) handset port

1 x RJ9 (4P4C) headset port

Other Physical Features

AC 100~240V input and DC 5V/600mA output power adaptor (should include)

Management

Configuration: browser/phone/auto-provision

Auto provision via FTP/TFTP/HTTP/HTTPS

for mass deploy

Auto-provision with PnP

Reset to factory, reboot

Package tracing export, system log

Network and Security

1Gbps Ethernet speed

SIP v1 (RFC2543), v2 (RFC3261)

Call server redundancy supported

NAT traversal: STUN mode

Proxy mode and peer-to-peer SIP link mode

IP assignment: static/DHCP

HTTP/HTTPS web server
Time and date synchronization using SNTP
UDP/TCP/DNS-SRV (RFC 3263)
QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS
DSCP
SRTP for voice
Transport Layer Security (TLS)
HTTPS certificate manager
AES encryption for configuration file
Digest authentication using MD5/MD5-sess
OpenVPN, IEEE802.1X
IPv6
LLDP/CDP/DHCP VLANICE

Smart TV | Quantity = 2

Size 58" inch
Resolution 3480 X 2160 4K UHD 16:9 Aspect Ratio
Display 60Hz refresh rate (minimum)
Audio Build in Stereo Speaker
Color 1.07G (8bit + FRC)
Operating System Google TV
Communications Ethernet, WiFi, Bluetooth
Other Interface Audio output, USB
Control IR/ Wireless remote controller
Input HDMI
CPU A55x4 1.3GHz
Internal StorageeMMC5.0 16G
UI Style Google TV UI
Mounting Should include a compatible wall mount brackets along with required accessories.
Other FunctionsGoogle Play Store,
Build in Chromecast,
Google Assistant,
Youtube,
Netflix

Smart Android Phone | Quantity = 2

NETWORK	Technology	GSM / HSPA / LTE
Build	Glass front (Gorilla Glass 5), plastic frame, plastic back	
SIM	Single SIM (Nano-SIM) or Dual SIM (Nano-SIM, dual stand-by)	
DISPLAY	Type	PLS LCD, 90Hz
Size	6.6 inches, 104.9 cm ² (~82.5% screen-to-body ratio)	
Resolution	1080 x 2408 pixels, 20:9 ratio (~400 ppi density)	
Protection	Corning Gorilla Glass 5	
PLATFORM	OS	Android 12, upgradable to Android 14, One UI 6
Chipset	Qualcomm SM6225 Snapdragon 680 4G (6 nm)	
CPU	Octa-core (4x2.4 GHz Kryo 265 Gold & 4x1.9 GHz Kryo 265 Silver)	
GPU	Adreno 610	
MEMORY	Card slot	
	microSDXC (dedicated slot)	
	Internal	128GB 8GB RAM
	eMMC	5.1
MAIN CAMERA	Quad	50 MP, f/1.8, (wide), PDAF, OIS
		5 MP, f/2.2, 123° (ultrawide), 1/5.0", 1.12µm
		2 MP, f/2.4, (macro)
		2 MP, f/2.4, (depth)
Features	LED flash, panorama, HDR	
	Video	1080p@30fps
SELFIE CAMERA	Single	8 MP, f/2.2, (wide)
	Video	1080p@30fps
SOUND		
Loudspeaker	Yes	
3.5mm jack	Yes	
COMMS	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct
Bluetooth	5.0, A2DP, LE	
Positioning	GPS, GLONASS, GALILEO, BDS	
NFC	Yes (market/region dependent)	
USB	USB Type-C 2.0	
FEATURES	Sensors	Fingerprint (side-mounted), accelerometer, gyro, compass
		Virtual proximity sensing
BATTERY	Type	Li-Po 5000 mAh, non-removable
Charging	25W wired	
MISC	Colors	Black, White, Blue