Computer System Specifications	
Form Factor	Tower
Type	Business PC
Processor	Intel Core i5 10th Generation or Later
Memory	DDR4 8GB
Display	Monitor
	Minimum 23 inch Display Size
Storage SSD	240 GB or higher, M.2, PCIe NVMe SSD
Storage HDD	500 GB or higher, 7.2 K rpm SATA
Graphics	Integrated
Audio	Integrated
Connectivity	Gigabit Network Port
	USB 2.0 and USB 3.0
Display Ports in PC and Monitor	DisplayPort™, HDMI Port, cable should be provided for both ports
DVD Writer	YES
Accessories	Wired Keyboard and Mouse, USB Speaker, MousePad
Operating System	Windows 10 Professional (Genuine), Key should be provided via email
Warranty	3 Years
Branded System	YES
Service Center in Town	YES

8 port manageable poe+ Switch

Specifications	
Ethernet ports	8 x 10/100/1000 (PoE+) + 2 x SFP+
Capacity	Virtual interfaces (VLANs): 4000 (minimum) ACL entries: 2048 (minimum) RIP routes: 256 (minimum) Static routes: 256 (minimum)
MAC Address Table Size	8000 entries (minimum)
Power Over Ethernet (PoE)	PoE+
PoE budget	140W
Rack-mountable	yes
Size on rack	1 u
Supported protocols	SSH,HTTP,Serial
Web Management	Yes
Input Voltage	220V-240V AC
Warranty	3 years

24 port manageable poe+ Switch

Specifications	
Ethernet ports	24 x 10/100/1000 (PoE+) + 2 x Gigabit ethernet+
Capacity	ACL entries: 2048 (minimum) RIP routes: 256 (minimum) Static routes: 256 (minimum)
MAC Address Table Size	16000 entries (minimum)
IEEE 802.1Q VLAN support	256 VLANs with a VLAN ID range of 2-4093
Power Over Ethernet (PoE)	PoE+
PoE budget	300W
Rack-mountable	yes
Size on rack	1 u
Supported protocols	SSH,HTTP,Serial
Web Management	Yes
Input Voltage	220V-240V AC
Warranty	1 years

UPS

Output

Max Configurable Power (Watts)
700Watts / 1.4kVA
Output Frequency (sync to mains)
50/60 Hz +/-1 Hz
Output Frequency (not synced)
50/60 Hz +/-1 Hz
Topology
Line Interactive
Waveform type
Stepped approximation to a sinewave
Transfer Time
8ms typical: 10ms maximum

Input

Input frequency
50/60 Hz +/- 3 Hz (auto sensing)
Input voltage range for main operations
150 - 280 V
Number of Power Cords
2
Type of Input Protection Required
3-pole breaker
Input Power Factor at Full Load
0.5

Battery type
Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof
Included Battery Modules
1
Typical recharge time
8hour(s)
Expected Battery Life (years)
2 - 5
Battery Charge Power (Watts)
21Watts
Battery Volt-Amp-Hour Capacity
165

Communications & Management

Control panel
LED status display with On Line: On Battery: Replace Battery and Overload indicators
Audible Alarm
Alarm when on battery: distinctive low battery alarm: overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating
273Joules

SSD

Form factor: 2.5"

Interface: SATA Rev.3.0 (6Gb/s) – with backward compatibility to SATA Rev. 2.0 (3Gb/s)

Capacity: 240GB

Controller: 2Ch

NAND: TLC

Baseline Performance Data Transfer (ATTO): 240GB --- up to 500MB/s Read and 350MB/s Write

Life expectancy: 1 million hours MTBF

Warranty: minimum 3-years

Keyboard/mouse

Wireless keyboard and mouse combo

System Requirements:

- **Windows®:** Vista,7,8,10 or later 7,8,10 or later

Technical Specifications:

Wireless range: 10 m

Keyboard

- 10-Key Number pad
- Music Controls
- Up to 5 million keystrokes (excludes number lock key)
- **Key type**: Deep-profile
- Spill-resistant
- 2 AAA batteries (Alkaline Batteries)

Mouse

- **Sensor technology:** Smooth Optical Tracking
- **Number of buttons:** 3 (Left/Right-click, Middle click)
- **Scrolling:** line-by-line
- **Scroll Wheel:** Yes, optical
- 2 AA batteries

Headphone

Headphone Frequency response: 20Hz – 20kHz

THD: <3% at 100Hz – 5kHz 1mW

Mic: Adjustable bloom style mic

Mic Type:

- Unidirectional
- Passive noise canceling

Mic sensitivity: -44 (+/-4db @1KHz)

Mic Frequency: 100Hz – 10kHz

Connectivity: USB

Scanner

Document Feeding
Automatic or Manual

Document Size
Width: 2 to 8.5 / Length: 2.1 to 14

Long Document Mode
Up to 118

Document Weight
7-56 lb. Bond

Feeder Capacity
Up to 60 sheets

Grayscale
8-bit

Color
24-bit

Scanning Element
One-line contact image sensor (CIS)

Scanning Modes
Color, Grayscale, Black and White

Optical Resolution
600 dpi

Output Resolution
100/ 150 / 200 / 240/ 300 / 400 / 600 dpi

Scanning Speeds
(B/W, Grayscale, Color): Up to 40 pages per minute (simplex), up to 80 images per minute (duplex)*

Interface
WiFi, USB

Power Consumption
22.5W or less (Energy Saving Mode: 3.1W)

Suggested Daily Volume
4,000 scans**

Supported Operating Systems
Windows 8.1(32bit/64bit), Windows 10 (32bit/64bit), Mac OS 10.13, Mac OS 10.14, Mac OS 10.15

Features
Auto Color Detection, Auto Page Size Detection, Auto Resolution Setting, Background Smoothing, Batch Separation, Character Emphasis, Color Dropout / Enhance Color, Deskew, Double-Feed Detection, Edge Emphasis, Folio Scan, Image Rotation, Skip Blank Page, Text Enhancement, Text Orientation Recognition, Three-Dimensional Color Correction, Ultrasonic Double-Feed Detection, User Preferences

Monitor

Display

Diagonal Viewing Size
60.45 cm
23.8 Inches

Preset Display Area (H x V)
527.04 mm x 296.46 mm
20.75" x 11.67"
156246.27mm2 (242.16 inch2)

Panel Type
In-Plane switching Technology

Display Screen Coating
Antiglare with 3H hardness

Maximum Preset Resolution
1920 x 1080 at 60 Hz

Viewing Angle
178° (vertical) typical
178° (horizontal) typical

Pixel Pitch
0.275 mm x 0.275 mm

Pixel per Inch (PPI)
92

Contrast Ratio
1000 : 1 (typical)

Aspect Ratio
16:9

Backlight Technology
LED edgelight system

Brightness
250 cd/m² (typical)

Response time
8 ms (normal) ; 5 ms (fast) - (gray to gray)

Dell Display Manager Compatibility
Yes

Remote Asset Management
Yes, via Dell Command Monitor

Color Support
Color Gamut (typical): 72% (CIE 1931)

Color Depth: 16.7 million

Color Calibration SDK SW
No

Color Calibration with X-rite colorimeter
No

Connectivity

1 x DisplayPort version 1.2
1 x HDMI port version 1.4
1 x VGA port
1 x USB 3.0 upstream port
2 x USB 3.0 downstream ports
Monitor with stand
Power cable
1x DP to DP Cable
1x VGA Cable (Japan only)
1x HDMI Cable (shipped with P2219H/P2319H/P2719H, for Brazil only)
1x USB 3.0 upstream cable (enables the USB port on the monitor)

Adjustability:
Height-adjustable stand (130mm)
Tilt (-5° to 21°)
Swivel (-45° to 45°)
Pivot (-90° to 90°)

Flat Panel Mount Interface:
VESA (100 mm x 100mm)

Power

Voltage Required
100 VAC to 240 VAC / 50 Hz or 60 Hz ± 3 Hz / 1.5 A (typical)