

Annex “I”

Technical Specifications

Stock/ Property No.	Quantity	Unit	Item Description
1			DESKTOP COMPUTER
	8	units	<i>End-users: (3)HRMO, (1)Medical/Dental, (4) CCJ</i>
			<p>Specs:</p> <p>Operating System: Windows 10</p> <p>Processor & Chipset</p> <p>Processor Type: Pentium Silver</p> <p>Processor Model: Intel® Pentium® Silver processor J5005</p> <p>Processor Speed: 1.50 GHz</p> <p>Processor Speed (turbo): 2.80 GHz</p> <p>Processor Core: Quad-core (4 Core)</p> <p>Memory</p> <p>Built-in Memory: 1</p> <p>Standard Memory: 4 GB</p> <p>Maximum Memory: 8GB</p> <p>Memory Technology : DDR4 SDRAM</p> <p>Number of Total Memory Slots: 2</p> <p>Storage</p> <p>Number of Hard Drives: 1</p> <p>Total Hard Drive Capacity: 1 TB</p> <p>Hard Drive RPM: 5400 RPM</p> <p>Solid State Drive Interface: Expandable up to 256GB (1x M.2 slot)</p> <p>Display & Graphics</p> <p>Screen Size: 54.6 cm (21.5")</p> <p>Display Screen Type : LED</p> <p>Touchscreen: No</p> <p>Multi-touch Screen: Not Applicable</p> <p>Screen Resolution: 1920x1080</p> <p>Network & Communication</p> <p>Wireless LAN: Yes</p> <p>Wireless LAN Standard: IEEE 802.11ac/a/b/g/n</p> <p>Ethernet Technology : Gigabit Ethernet</p> <p>Bluetooth : Yes</p> <p>I/O Expansions</p> <p>Number of Total Expansion Slots: 2</p> <p>Number of M.2 Slot: 2</p> <p>Built-in Devices</p> <p>Webcam: Yes</p> <p>Webcam Resolution (front): 1MP</p> <p>Interfaces/Ports</p> <p>HDMI: Yes</p> <p>USB: Yes</p> <p>Number of USB 2.0 Ports: 3</p> <p>Number of USB 3.1 Gen 2 Port: 2</p> <p>Network (RJ-45): Yes</p> <p>Audio Line Out: Yes</p> <p>Number of HDMI Ports: 1</p> <p>Input Devices</p> <p>Pointing Device Type: USB Wired Mouse</p> <p>Keyboard Included : Yes</p> <p>Keyboard Type: USB Wired keyboard</p> <p>Power Description</p> <p>Power Supply: 65W</p> <p>Warranty: 2 Years Warranty</p>
	24	units	<i>End-user:(24)Drafting Technology</i>

			<p>Specs: Form Factor: 16L Tower + Monitor Bundle Processor: Intel Core i3-9100 Processor (6M Cache, 4.20 GHz) Memory : 4GB DDR4 2666 MHz UDIMM Storage : 1TB 3.5-inch 7200 RPM Optical Drive: 8X DVD-Writer, 9.0 mm slim Graphics: NVIDIA GeForce GT 730 with 2 GB of DDR3 (supporting: DVI, HDMI) Operating System: Win 10 Home Display: Monitor Size: 21.5" Input: VGA only Max Res.: 1920 x 1080 @ 60 Hz Technology: TN Colors: 16.7million Glare: None Response Time: 5ms (G to G)" Card Reader: Yes Audio: Integrated high-definition, 5.1-channel surround sound Networking: 802.11ac/a/b/g/n wireless LAN and Bluetooth® 4.0 LE Standard I/O Ports: Front/Side I/O connectors Card reader: Yes Audio jack(s): 2 USB 3.1 Gen port(s): 2 Rear I/O connectors D-Sub port(s): 1 HDMI port(s): 1 (out) LAN port(s): 1 Audio jack(s): 3 USB 2.0 port(s): 2 USB 3.1 port(s): 2 GPU Ports: DisplayPort, DVI & HDMI Expansion Slot (s): Number of PCIe x16 slot(s): 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1 Power Supply and Adapter: 300W Keyboard & Mouse: USB Wired Keyboard & Wired Mouse Warranty: 1 Year Warranty</p>
	13	units	<i>End-user: (1) Planning, (1) MAA/IAS, (10) MCC, (1) Records</i>
			<p>Specs: Form Factor: AIO Operating System: Windows 10 Processor : Intel Core i5-7200U 2.50 GHz Processor (3M Cache, up to 3.10 GHz) Graphics: Intel HD Graphics Memory: 4GB Dual-channel DDR4 2133 MHz (Up to 16GB) Storage: 1TB 2.5-inch 5400 RPM Audio: Built-in stereo speakers Connectivity: 802.11ac/a/b/g/n wireless LAN and Bluetooth® 4.0 LE I/O connectors: Card reader: Yes Rear I/O connectors HDMI port(s): 1 (out) LAN port(s): 1 Audio jack(s): 1 USB 2.0 port(s): 2 USB 3.1 Gen 1 port(s): 3 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1 Power : 3-pin 65 W AC adapter Accessories: USB Wired Mouse and Keyboard Display : 23.8 AIO Ultra-Slim 8mm Panel Tilttable from -5 to 20 Touch support: N Size (Inches): 23.8 Display max resolution: 1920*1080 Backlight: LED Brightness (cd/m2): N Aspect ratio: 16:11" Warranty : 1 Year Part</p>
	2	units	<i>End-user: (1) Teacher Education, (1) Procurement</i>

			Specs: Operating System: Windows 10 Home Processor : Intel Core i3-8130U Processor (4M Cache, up to 3.40 GHz) Memory: 4GB DDR4 SDRAM Storage: 1TB HDD Display : 23.8-in LED Full HD 1920 x 1080, Active Matrix TFT Color LCD Graphics: Intel HD Graphics Network & Communication: Gigabit Ethernet IEEE 802.11ac Wireless LAN I/O ports: HDMI USB 2.0 Port USB 3.1 Gen 1 Port USB Port Network (RJ-45) Audio Line In Audio Line Out Bundle: USB Mouse & KB
	5	units	<i>End-user: (5) Computer Engineering</i>
			Specs: Processor : Intel Core i5-9400 Processor 2.90GHz 9M Cache, up to 4.10 GHz Memory : 8GB DDR4-2666 MHz Storage : 1TB 7200 RPM + 128GB M.2 2280 SSD Optical Drive : 8X DVD-RW drive, 9.0 mm slim Graphics : 2GB NVIDIA GeForce GT1030 DDR5 Operating System : Win 10 Home SL 64 Bit Size : 23.6-in 1920x1080 @60Hz Input : VGA + DVI + HDMI Bundle : USB Wired Keyboard & Wired Mouse Warranty : 1 Year Parts
	2	units	<i>End-user: (2) Extension</i>
			Specs: Type Desktop Type Tower with Monitor Monitor Display 23 in, IPS, W-LED, 1920 x 1080 pixels Viewing angles (H/V) 178 ° / 178 ° Brightness 250 cd/m ² Static contrast 1000:01:00 Refresh rate 56 Hz - 76 Hz Dimensions 522.2 x 312.3 x 49.1 mm Weight 2.89 kg Basic Spec CPU Core i5 Processor Model 9th Gen Intel Core i5-9400 (6-Core / 6-Thread 9M Cache, 4.1GHz Processor with Intel Turbo Boost Technology) Chipset Intel B360 GPU Model Intel UHD Graphics 630 with shared graphics memory NVIDIA GeForce GTX 1050 with 2GB GDDR5 NVIDIA GeForce GTX 1650 with 4GB GDDR5 Memory & Storage RAM 8GB Memory Type DDR4 Memory Speed 2400MHz , 2666MHz Storage Type HDD , HDD+SSD/eMMC HDD 1TB HDD Format 3.5 inches Rotational Speed 7200 rpm SSD/eMMC 256GB Optical Drive Optional tray load DVD Drive (Reads and Writes to DVD/CD) Network Ethernet RJ-45

			<p>WiFi 802.11bgn 1x1 WiFi and Bluetooth</p> <p>Connectivity Connectivity HDMI , USB2.0 , Bluetooth , Card Reader , Microphone , USB3.1</p> <p>Software OS Ver Windows 10 Home 64-bit</p> <p>Battery Power Supply 290W Internal PSU Energy Star 6.1</p> <p>Size Dimensions 373.7 x 160 x 294 mm / 14.71 x 6.30 x 11.57 inches Weight 5.9 kg</p> <p>Parts Included Branded Keyboard & Mouse</p>
2			LAPTOP COMPUTER
	4	units	<i>End-users: (2)Research, (1) DRRM, (1) CCJ</i>
			<p>Specs: Operating System: Windows 10 Home Processor: Intel Core i3-7020U Processor (3M Cache, 2.30 GHz) Memory: 4GB DDR4 SDRAM Storage: 256GB NVMe SSD + 1 TB 2.5-inch 5400 RPM Graphics: 2GB NVIDIA GeForce MX130 Display: 14-in HD Interfaces/Ports: 1 HDMI 1 USB 2.0 Ports 2 USB 3.1 Gen 1 Type-A Ports 1A USB 3.1 Gen 1 Type-C Ports 1 USB Type-C port: USB 3.1 Gen 1 (up to 5 Gbps) 1 Network (RJ-45) Network: Wireless 802.11 a/b/g/n/ac ODD: No ODD Battery: 3-Cell Battery Weight: 1.6Kg Warranty: 1 Year Warranty</p>
	2	units	<i>End-users: (1)Research, (1) Information Office</i>
			<p>Specs: Processor : Intel Core i5-8300H processor (8 MB Smart Cache, 2.3 GHz with Turbo Boost up to 4.0 GHz, DDR4, 45 W) Memory: 8GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules Storage: 256GB SSD + 1TB 2.5-inch 5400 RPM Display: 15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (250 nits) ComfyView LED-backlit TFT LCD, supporting 120 Hz, 16:9 aspect ratio, NTSC 45%, Wide viewing angle up to 170 degrees' Ultra-slim design Mercury free, environment friendly Graphics: NVIDIA GeForce GTX 1650 with 4 GB of dedicated GDDR5 VRAM, supporting NVIDIA CUDA, PhysX, PureVideo HD technology,GPU Battery Boost technology, ShadowPlay technology, GameStream technology, Multi-Frame sampled Anti-Aliasing (MFAA), Dynamic Super Resolution (DSR), Voxel Global Illumination (VXGI). Microsoft DirectX 12, OpenGL 4.5, OpenCL 1.1 OS: Windows 10 Home Warranty : 2 Years Global Warranty</p>
	48	units	<i>End-users: (1) OP, (2) Teacher Education, (1) VPSAS, (44) FLP</i>
			<p>Specs: Operating System: Windows 10 Home Processor :Intel Core i5-10210U Processor (6M Cache, up to 4.10 GHz) Memory: 4GB of single-channel, onboard DDR4 system memory, upgradable up to 20GB of dual channel DDR system Storage: 256GB NVMe SSD + 1TB HDD Display: 15.6-in FHD 1920 x 1080 resolution, high-brightness LED-backlit TFT LCD, 16:9 aspect ratio, Ultra-slim design, Mercury free, Environment friendly Graphics: NVIDIA GeForce MX230 with 2 GB of dedicated GDDR5 VRAM supporting NVIDIA CUDA, PhysX, PureVideo HD technology, HDMI Optical Drive: NO ODD</p>
	1	unit	<i>End-user: (1) CCSIT</i>

			<p>Specs:</p> <ul style="list-style-type: none"> • Ultra-thin and Light 14-inch FHD Laptop • Stunning NanoEdge 14" FHD display with 86% screen-to-body ratio in 13" body • Super-compact, slim that is less than 0.65 inch thin, weighs only 3.2 lbs • Latest Intel 8th Gen Core i7-8565U Processor 8M Cache, up to 4.6 GHz • 16 GB LPDDR3 RAM, 512 GB SSD NVIDIA GeForce MX150, 802.11ac WiFi 5, Bluetooth 4.2 • Exclusive ErgoLift hinge automatically tilts the keyboard to the most comfortable typing position. Backlit Keyboard • 47 Whr Li-Polymer battery providing up to 10 hours of battery life. • Windows 10. Built-in fingerprint sensor for enhanced security and one-touch login using Windows Hello feature • Harman Kardon certified quad-speakers for high-quality surround-sound onboard audio • MIL-STD-810G Military-grade durability
	1	unit	<i>End-user: (1) Planning</i>
			<p>Specs:</p> <p>Operating system: Windows 10 Processor: Intel Core i5-9300H Processor 2.40GHz 8M Cache, up to 4.10 GHz Graphics: 4GB NVIDIA GeForce GTX 1650 GDDR6 VRAM Memory: 8GB DDR4 2666MHz SDRAM Storage: 1TB + 512GB M.2 NVMe PCIE 3.0 Display: 15.6-inch Full HD (1920x1080) IPS-level panel 120Hz, 100% sRGB VR Ready: YES Keyboard: Backlit chiclet keyboard N-key rollover One Zone RGB lighting 4 Zone RGB lighting Aura Sync Hotkeys (Volume down, volume up, mute, HyperFan, Armoury Crate) I/O Ports: 1 x Type C USB3.1 (GEN2) support DP function 3 x Type A USB3.1 (GEN1) 1 x HDMI 2.0b 1 x 3.5mm Audio Jack 1 x Audio Jack Mic-in 1 x RJ45 LAN Jack Power: 230W/ 150W Wi-Fi / Bluetooth: Intel 802.11ac (2x2) Gigabit Wi-Fi support Rangeboost technology, Bluetooth 5.0 Warranty: 2 Years Global Warranty</p>
	5	units	MATEBOOK13"
			<i>End-user: (5) CCSIT</i>
			<p>Specs:</p> <p>OPERATING SYSTEM: Windows 10 Home COLOUR : space gray DISPLAY: Size: 13 inches Type: IPS PROCESSOR: 8th Gen Intel® Core™ i5-8265U processor GRAPHICS: NVIDIA® GeForce MX150 or NVIDIA® GeForce MX250 MEMORY: 8 GB LPDDR3 2133 MHz BATTERY Battery Material: Lithium Polymer WIRELESS: Built-in Bluetooth: Supported Bluetooth 5.0, backward compatible Wi-Fi: Support Wi-Fi Standard: IEEE 802.11a/b/g/n/ac, 2.4 GHz and 5 GHz AUDIO Speaker: Speaker x 2 Sound Effects: DOLBY ATMOS® SENSORS: Fingerprint Sensor PORTS Charging Port: Left USB-C port Data Port: USB-C X 2 MATERIAL: Aluminum alloy STORAGE: 512 GB NVMe PCIe SSD or Higher KEYBOARD AND TOUCHPAD Keyboard: Backlit keyboard, Chiclet keyboard, Full-size keyboard Touchpad: Yes BUTTONS: Two-in-one power button and touch fingerprint sensor</p>
3			PRINTER
	6	units	<i>End-users: (1) VPARI, (2) Extension, (1) Medical/Dental, (2) MAA/IAS</i>

			<p>Specs: Print Method: On-demand inkjet (Piezoelectric) Minimum Ink Droplet Volume: 3 pl Printer Language: ESC / P-R Print Direction: Bi-directional printing Nozzle Configuration: 180 nozzles Black, 59 nozzles per colour (Cyan, Magenta, Yellow) Maximum Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Automatic 2-sided Printing: No Print Speed : Photo Default - 10 x 15 cm / 4 x 6 " : Approx. 69 sec per photo (Border) / 90 sec per photo (Borderless) *1 Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm *1 ISO 24734, A4 Simplex (Black / Colour): Up to 10 ipm / 5.0 ipm *1 First Page Out Time from Ready Mode (Black / Colour): Approx. 10 sec / 16 sec *1</p>
	4	units	<i>End-users: (1)DRRM, (1)Sports, (1)OSAS, (1) IAS</i>
			<p>Specs: Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 3 pl Automatic Duplex Printing: No Black Nozzle Configuration: 180 Colour Nozzle Configuration: 59 per colour (Cyan, Magenta, and Yellow) Print Direction: Bi-directional printing, Uni-directional printing Print Speed : Photo Default - 10 x 15 cm / 4 x 6 " *2: Approx. 69 sec per photo (with Border) *1 Max Photo Draft - 10 x 15 cm / 4 x 6 " *2: Approx. 27 sec per photo (with Border) *1 Draft, A4 (Black / Colour): Approx. 33 ppm / 15 ppm *1 ISO 24734, A4 Simplex (Black / Colour): Approx. 10 ipm / 5.0 ipm *1 Copy Function: Maximum Copy Size: A4, Letter Max Copies : 20 copies</p>
	1	unit	<i>End-user: (1) Mechanical Engineering</i>
			<p>Specs: Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 1.5pl Automatic Duplex Printing: No Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration: 90 per colour (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Black) Print Speed: Draft, A4 (Black / Colour): Up to 15ppm / 15ppm *1 Photo Default: 10x15cm/4x6" - Approx. 45 sec per photo (Borderless) *1 Paper Handling: Number of Paper Trays: 1 Standard Paper Input Capacity: Up to 100 sheets, A4 Plain paper (75g/m2) Up to 30 sheets, Premium Glossy Photo Paper Output Capacity: Up to 50 sheets, A4 Plain paper Up to 20 sheets, Premium Glossy Photo Paper Maximum Paper Size: 12.95 x 44" Paper Sizes: A3+, A3, B4, A4, A5, A6, B5, 10x15cm (4x6"), 13x18cm (5x7"), 16:9 wide size, Letter (8.5x11"), Legal (8.5x14"), Half Letter (5.5x8.5"), 9x13cm (3.5x5"), 13x20cm(5x8"), 20x25cm(8x10"), Envelopes: #10(4.125x9.5"), DL(110x220mm), C4 (229x324mm), C6(114x162mm) Paper Feed Method: Friction feed Print Margin: 0mm top, left, right, bottom via custom settings. Otherwise 3mm top, left, right, bottom</p>
	1	unit	<i>End-user: (1)Drafting Technology</i>
			<p>Specs: Printer Type: Print, Scan, Copy, Fax with ADF Printing Technology Print Method: PrecisionCore™ Printhead Minimum Ink Droplet Volume: 2.8 pl Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration : 400 x 2 nozzles Black, 128 x 2 nozzles per colour (Cyan, Magenta, Yellow) Maximum Resolution: 4,800 x 2,400 dpi (with Variable-Sized Droplet Technology) Automatic 2-sided Printing: Yes (up to A3) Print Speed: Photo Default - 10 x 15 cm / 4 x 6 " *2: Approx. 42 sec per photo (with Border) *1</p>

			Draft, A4 (Black / Colour): Up to 32 ppm / 20 ppm *1 ISO 24734, A4 Simplex (Black / Colour): Up to 18 ipm / 10 ipm *1 ISO 24734, A4 Duplex (Black / Colour): Up to 8.7 ipm / 6.0 ipm *1 ISO 24734, A3 Simplex (Black / Colour): Up to 10 ipm / 5 ipm *1 ISO 24734, A3 Duplex (Black / Colour): Up to 6.0 ipm / 3.7 ipm *1
	3	units	<i>End-user: (1)CHTM, (1) Library, (1)Computer Engineering</i>
			Specs: Printer Type: Print, Scan, Copy Printing Technology: Print Method: Precision Core Printhead Minimum Ink Droplet Volume: 3.3 pl Printer Language: ESC / P-R Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration: 400 nozzles Black, 128 nozzles per colour (Cyan, Magenta, Yellow) Maximum Resolution: 4800 x 1200 dpi (with Variable-Sized Droplet Technology) Automatic 2-sided Printing : Yes (up to A4) Print Speed :Photo Default - 10 x 15 cm / 4 x 6 " *2: Approx. 69 sec per photo (Border) *1 Approx. 92 sec per photo (Borderless) *1 Draft, A4 (Black / Colour): Up to 33 ppm / 20 ppm *1 ISO 24734, A4 Simplex (Black / Colour): Up to 15 ipm / 8.0 ipm *1 ISO 24734, A4 Duplex (Black / Colour): Up to 6.5 ipm / 4.5 ipm *1
	1	unit	<i>End-user: (1)Planning</i>
			Specs: Printer Type: Print, Scan, Copy with ADF Printing Technology: Print Method: Precision Core Print head Minimum Ink Droplet Volume: 3.3 pl Printer Language: ESC / P-R Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration: 400 nozzles Black, 128 nozzles per colour (Cyan, Magenta, Yellow) Maximum Resolution: 4800 x 1200 dpi (with Variable-Sized Droplet Technology) Automatic 2-sided printing: Yes (up to A4) Print Speed: Photo Default – 10 x 15 cm / 4 x 6 " *2 #3: Approx. 69 sec per photo (Border) / 92 sec per photo (Borderless) Draft, A4 (Black / Colour): Up to 33 ppm1 / 20 ppm2 ISO 24734, A4 Simplex (Black / Colour): Simplex: Up to 15 ipm / 8.0 ipm, Duplex: 6.5 ipm / 4.5 ipm Copy Speed: ISO 29183, A4, Simplex (Black / Colour): Simplex: Up to 11 ipm / 5.5 ipm Copy Quality: Normal / Best quality Maximum Copies from Standalone: 99 copies Max Copy Resolution: 600 x 1200 dpi Reduction/Enlargement: 25 – 400%, Auto Fit Function Maximum Copy Size: A4, Letter Scan Function: Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 1200 x 2400 dpi Maximum Scan Area: 216 x 297 mm (8.5 x 11.7") Scanner Bit Depth (Colour): 48-bit input, 24-bit output Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output Scanner Bit Depth (Black & White): 16-bit input, 8-bit output Scan Speed (Flatbed / ADF (Simplex): Monochrome: 200 dpi 12 sec / 5.0 ppm Colour: 200 dpi 27 sec / 5.0 ppm ADF Specifications: Support Paper Thickness: 64-95 g/m2 Paper Capacity: 30 pages (75 g/m2)
4			SMART TV
	7	units	<i>End-user:(7)CCSIT</i>
			Specs: LED SMART TV w/ wall mount •Screen Size: 55 inch

			<ul style="list-style-type: none"> •Resolution: 192 x 1080 • Wide Colour Enhancer Plus • Digital Noise Filter • Clear Motion Rate: 500 • Micro Dimming • Dolby Pulse • SRS TheatreSound HD • dts 2.0+Digital Out • Sound Output (RMS): 10W x 2 • Speaker Type: Down Firing + Full Range • Auto Volume Levelier • HDMI • USB • Headphone • Wi-Fi Built in • Auto Channel Search • 1 x Compound in (Y/Pb/Pr) • Composite In (AV) Common Use for Component Y) • Digital Audio Out (Optical) • RF In (Terrestrial/Cable Input) • DVI Audio In (Mini Jack) • Ethernet (LAN) • ConnectShare (USB 2.0): Movie (HDD) • Allshare (Powered by DLNA) • Allshare Play • WiFi Direct • EPG
	1	unit	<i>End-user: (1) CHTM</i>
			<p>Specs:</p> <p>Product Type: LED Display: Screen Size 65" Resolution: 3,840 x 2,160 Moth Eye: N/A Screen Curvature: Curved</p> <p>Video</p> <p>Picture Engine : UHD Engine Motion Rate : 120 PQI (Picture Quality Index) 1500 HDR (High Dynamic Range) HDR HDR 10+ : Yes HLG (Hybrid Log Gamma) Yes Contrast : Mega Contrast Color : Pure Color Viewing Angle : N/A Micro Dimming : UHD Dimming Local Dimming : N/A Auto Depth Enhancer: Yes Contrast Enhancer: N/A Auto Motion plus : Yes Film Mode : Yes Natural Mode Support: Yes</p> <p>Audio</p> <p>Dolby Digital Plus: Yes DTS Codec : N/A Dialog Enhancement: Yes Audio Pre-selection Descriptor: N/A Sound Output (RMS): 20W Speaker Type: 2CH Woofer : N/A Multi-room Link : Yes Bluetooth Audio : Yes</p> <p>Convergence</p> <p>TV to Mobile – Mirroring: N/A Mobile to TV - Mirroring, DLNA: Yes 360 Video Player: N/A 360 Camera Support: N/A Bluetooth Low Energy: Yes Wi-Fi Direct : Yes TV Sound to Mobile: Yes Sound Mirroring : N/A Triple Protection : N/A</p>

			<p>Image Booster : N/A</p> <p>Family TV 2.0 : N/A</p> <p>Local Cinema Mode N/A</p> <p>Tuner/Broadcasting</p> <p>Digital Broadcasting: ISDB-T</p> <p>Analog Tuner : Yes</p> <p>2 Tuner : N/A</p> <p>CI (Common Interface): N/A</p> <p>Data Broadcasting: N/A</p> <p>TV Key Support : Yes</p> <p>Connectivity</p> <p>HDMI : 3</p> <p>USB : 2</p> <p>Component In (Y/Pb/Pr): 1</p> <p>Composite In (AV): 1 (Common Use for Component Y)</p> <p>Ethernet (LAN) : Yes</p> <p>Audio Out (Mini Jack):N/A</p> <p>Digital Audio out (Optical) 1</p> <p>RF In (Terrestrial / Cable input): 1/1(Common Use for Terrestrial)/0</p> <p>Ex-Link (RS-232C): N/A</p> <p>CI Slot : N/A</p> <p>HDMI A / Return Ch. Support : Yes</p> <p>HDMI Quick Switch : Yes</p> <p>Wireless LAN Built-in : Yes</p> <p>Anynet+ (HDMI-CEC) : Yes</p> <p>Eco Feature</p> <p>Eco Sensor : Yes</p> <p>Energy Efficiency Class N/A</p> <p>Power</p> <p>Power Supply : AC100-240V 50/60Hz</p> <p>Power Consumption (Max) 175 W</p> <p>Power Consumption (Stand-by) N/A W</p> <p>Power Consumption (Energy Saving Mode) N/A W</p> <p>Power Consumption (Typical) N/A W</p> <p>Peak Luminance Ratio N/A %</p> <p>Yearly Power Consumption (EU standard) N/A kWh</p> <p>Dimension</p> <p>Package Size (WxHxD) : 1598 x 975 x 214 mm</p> <p>Set Size with Stand (WxHxD) 1452.7 x 918.1 x 312.8 mm</p> <p>Set Size without Stand (WxHxD) 1452.7 x 838.1 x 120.9 mm</p> <p>Stand (Basic) (WxD) 1089.7 x 312.8 mm</p> <p>Stand (Minimum) (WxD) N/A</p> <p>Weight</p> <p>Package Weight 34.4 kg</p> <p>Set Weight with Stand 25.4 kg</p> <p>Set Weight without Stand 25.0 kg</p>
	7	units	End-user:(6)InduTech, (1) Computer Engineering
			<p>Specs:</p> <p>TV Type: Smart TV</p> <p>TV Size: 55" LED TV</p> <p>Warranty Term – Labor: 1 year</p> <p>Warranty Term – Parts: 1 year</p> <p>Power Requirements AC220-240V 50/60Hz</p> <p>Power Consumption 184W</p> <p>Display Resolution: 3,840 x 2,160</p> <p>Video Processing UHD Engine</p> <p>Backlight Module HDR</p> <p>Deep Color: Yes</p> <p>Intelligent Image Enhancer Yes</p> <p>Intelligent MPEG Noise Reduction Yes</p> <p>Advanced Contrast Enhancer (ACE) Yes</p> <p>24P True Cinema Yes</p> <p>Photo TV HD Yes</p> <p>Viewing Angle 178/178</p> <p>Screen Format: 16:09</p> <p>Picture Mode: HDMI Black Level</p> <p>CineMotion/Film Mode/Cinema Drive: FILM MODE AVAILABLE</p> <p>3D Comb Filter: Yes</p> <p>Sound Mode: Yes</p> <p>Surround Mode: Yes</p> <p>Sound Enhancer: Yes</p>

			<p>S-Master : Yes S-Force : Yes Dolby : Yes Simulated Stereo: Yea Stereo Systems: Yes HDMI/Audio In: 3 USB 2.0 : 2 Ethernet Connection: Yes Composite Video Input (s): 1 (Common Use for Component Y) Component Video (Y/Pb/Pr) Input(s): 1 RF Connection Input(s): 1/1(Common Use for Terrestrial)/0 HD15 PC Input/Audio: 1 Digital Audio Output (s): 1ea Audio Out 1 (Rear/Hybrid with Headphone and Subwoofer Out) Headphone Out: 1 (Rear/Hybrid with Headphone and Subwoofer Out) Wi-Fi Direct: Yes Video Search: Yes Weight with stand: Approx: 17.7 kg Weight without stand: Approx : 17.3 kg Dimension (WxHxD) with Stand: 1238.6 x 792.8 x 261.3 mm Dimension (WxHxD) without Stand: 1238.6 x 714.2 x 58.7 mm</p>
5			SCANNER
	1	unit	<i>End-users:(1)CCSIT</i>
			<p>Specs:</p> <ul style="list-style-type: none"> • Sheetfed Scanner • Optical Resolution: 600 dpi x 600 dpi (Horizontal x Vertical) • Scanning Resolution: 60 dpi x 1,200 dpi • Colour Depth: Input: 10 Bits Colour, output: 8 Bits Colour • Scanning range (maximum) : 215.9mm x 3,048 mm • Paper formats: A4, Letter, Legal, A5, A6, B5, B6, Business cards, Postcard, Legal, Plastic Cards • Optical Sensor: CIS (Contact Image Sensor) Light Source: ReadyScan LED technology Output Resolution: 600 dpi • Scanning Speed : Monochrome: 26 pgs/min. Colour: 26 pgs/min measured w/ size: A4, Resolution: 200/ 300 dpi • Outputs formats: BMP, JPEG, TIFF, multi-TIFF, PDF, PNG • Interfaces: USB 2.0Type B • Supply Voltage: AC 100V- 240V, 50 Hz-60Hz • Product Dimensions: 297 x 152 x 154 mm (Width x Depth x Height) • Product Weight: 2.5 kg • Included Software: Document Capture Pro 2.0 Epson Scan 2 • Compatible Operating System: Mac OS 10.10 x, Mac OS x 10.12 Windows 10, Windows 7, Windows 8, Window Server 2003 R2 x 64, Window Server 2009 R2, Windows Server 2012 R2, Windows Vista, Windows Xp • Humidity: Operation 15% -80%, Storage 15% - 85 % • Temperature: Operation 5 C - 35 C, Storage 60C- 25C • Paper Capacity: 50 sheets
	2	units	<i>End-users: (1) MIS, (1) Extension</i>
			<p>Specs:</p> <p>Scanner Type: A4 sheet-fed, one-pass duplex colour scanner Sensor Type: Contact Image Sensor (CIS) Scanning Method: Fixed carriage & moving document Light Source: RGB LED Optical Resolution: 600 x 600 dpi *1 Output Resolution: 50 - 1,200 dpi (in 1 dpi increments) Bit Depth: Each colour (RGB): 10 bit input / 8 bit output Min Document Size: 50.8 x 50.8 mm Max Document Size: 215.9 x 6,096 mm Supported Paper Weight:27 - 413 g/m2 (A8 or less 127 - 413 g/m2) ADF Capacity: 100 sheets (80g/m2) Daily Scan Volume: Up to 7,000 pages / day Multi-feed Detection: Ultrasonic Sensor and Length Detection Interface: USB 3.0, Optional Ethernet (With Network Interface Unit) Scan Speed: Resolution (Colour/Greyscale/Mono):200dpi: 65ppm / 130ipm (Simplex / Duplex) *2 300dpi: 65ppm / 130ipm (Simplex / Duplex) *2 600dpi: 16ppm / 32ipm (Simplex / duplex) Supported OS:Windows XP / Vista / 7 / 8 / 8.1 / 10 / Server 2003 / Server 2008 / Server 2012 / Server 2016 Mac OS X 10.6.8 or later</p>

			Scanner Driver Compatibility : TWAIN, SANE, WIA, ICA, ISIS
	1	unit	End-user: (1) Records
			Specs: Maximum dpi Resolution: 600 dpi Optical Resolution: 600 dpi Duplex Speed: 48 ipm (Color) Simplex Speed: 24 ppm (Color) Maximum Document Width: 8.5" / 21.6 cm Maximum Document Length: 122" / 309.9 cm Color Depth: 24-Bit (External); 48-Bit (Internal) Grayscale Bit-Depth: 8-Bit (External) Duplex Scanning: Yes Single Pass Duplex: Yes Scan Modes: Color, Grayscale, Monochrome Document Feeding: ADF Life Expectancy: 2000 Sheets per Day Connectivity: USB 2.0 Wireless Connectivity: None File Formats: BMP, JPEG, PDF, PNG, RTF, TIFF, TXT Paper Weight: 13 to 47 lb Operating System Compatibility: macOS/OS X, Windows Image Sensor: 1 x Contact Image Sensor (CIS) Control Panel: 2 Buttons Drivers: TWAIN, WIA, ISIS Processor Speed: 120 MHz Memory: 64 MB Maximum Sheet Capacity: 50 Automatic Image Corrections: Yes Environmental Compliance: ENERGY STAR, EPEAT Silver Operating Humidity: 15 to 80% Operating Temperature: 50 to 95°F / 10 to 35°C Storage Humidity: 0 to 90% Storage Temperature: -40 to 140°F / -40 to 60°C AC Input Power: 90 to 264 VAC, 50 / 60 Hz Power Source: AC Adapter Dimensions: 11.8 x 19.2 x 11.9" / 30.0 x 48.8 x 30.2 cm Weight: 5.7 lb / 2.59 kg Packaging Info Package Weight: 8.835 lb Box Dimensions (LxWxH): 15.75 x 9.75 x 9.55"
6			PROJECTOR
	2	units	End-user: (1)Sports, (1) DFoST
			Specs: Projection System: 3LCD, 3-chip technology LCD Panel : 0.55-inch (D7) OPTICAL Zoom 1.0 - 1.35 (Digital) Screen Size: 30" to 350" [0.88 to 10.44 m] (Zoom: Wide) 23" to 260" [0.88 to 10.44 m] (Zoom: Tele) Projection Distance: 60" screen 1.77 - 2.4 m Throw Ratio: 1.45 (Zoom: Wide), 1.96 (Zoom: Tele) Projection Lens F Number: 1.44 Projection Lens Focal Length: 16.7 mm Focus Method: No Optical Zoom / Focus (Manual) Offset: 8:1 IMAGE Colour Light Output: 3,300 Lumens White Light Output: 3,300 Lumens Resolution: SVGA Native Aspect Ratio: 4:3 Contrast Ratio: 15,000:1 Maintenance Cycle Normal/Eco: 6,000/10,000 Hours Lamp Type: 215 W UHE Keystone Correction Vertical: -30 to +30 degrees Horizontal: -30 to +30 degrees CONNECTIVITY Input: Video 1 x RCA (Yellow) Input: Computer 1 x D-sub 15-Pin (RGB), 1 x USB 2.0 type B

			Input: USB Memory Device 1 x USB Type A Input: Three-In-One USB Display 1 x USB 2.0 Type B Input: Digital 1 x HDMI Input: Audio 2 x RCA (1 x White, 1 x Red) Input: Control 1 x USB 2.0 type B Input: USB Document Camera 1 x USB 2.0 type A, Wireless LAN Optional WiDi/Miracast N/A Speaker Output 2W
7	1	unit	CAD ROOM COMPUTER SERVER
			<i>End-user: (1) Civil Engineering</i>
			Specs: Processor : Intel Core i5-9400 Processor (9M Cache, up to 4.10 GHz) Memory: 8GB DDR4-2666 MHz Storage: 128GB SSD + 1TB 7200 RPM HDD Optical Drive: 8X DVD-RW drive, 9.0 mm slim Graphics: 2GB NVIDIA GeForce GT 1030 Operating System: Win 10 Home SL 64 Bit Display: K242HQL bid Size: 23.6-in 1920x1080 @60Hz Monitor Input: VGA + DVI + HDMI Bundle: USB Wired Keyboard & Wired Mouse (Speaker not included) Warranty: 1 Year Parts - 1 Year Labor Only (1-1-0)
8	1	unit	CISCO CATALYST
			<i>End-user: CCSIT</i>
			Specs: CISCO Catalyst 2960 Series •10/100/1000 •4 T/Small •Form-Factor •Pluggable •(SFP) LAN •Base Image
9	5	units	APC RBC sn: 0M-10120D-001
			<i>End-user: CCSIT</i>
			Specs: • 9Ah/12V
10	3	units	APC - AP885-1371C
			<i>End-user: CCSIT</i>
			Specs: • 12V 34W/Cell/ 1.67V/1.5Min
11	4	units	AVR 2000 VA, 2000 W (Servo Motor Type)
			<i>End-user: MIS</i>
			Specs: Max. Capacity: 2000 Watts Input: 160V AC – 240V AC Output: 220V AC System: Servo-Motor Type AVR response time: Within 1 second against +/-1% input voltage deviation Delay Response time: 3 to 5 minutes w/ bypass option Features Include Universal Outlets With Power on Delay of 3-5 minutes (protects your appliance from sudden surges in electricity after power interruption) Bypass feature to override the Power on Delay in case of immediate need High and Low voltage protection Output Voltage Meter (for visual indication) 15A Circuit Breaker (protects appliance from overload or short circuit) Metal casing: Powder-coated
12	1	unit	Sound System Set

			<i>End-user: Graduate School</i>
			<p>Specs: Amplifier (1 unit):</p> <ul style="list-style-type: none"> • 1000 watts x 2 • 2 Mic Input • USB Bluetooth AUX1 AUX2 • Mic Bass, Treble, Echo Control • Binding Post and Speak-ON Terminal • With Sub Out, Line Out and Mic Out • Feedback Reducer Button • Loudness Button <p>Powered Speaker (2 units):</p> <ul style="list-style-type: none"> • 15" 2 Way Bass Reflex • Low 2.5" Vcoil • Hi 1.7" Vcoil • 800 Watts • 8 Ohms • 100db • 55hz - 20khz <p>Speaker Stand (2 units):</p> <ul style="list-style-type: none"> • Height: 1000mm to 1860mm • Load Capacity: up to 50Kgs • High Quality Metal • With Precision Stand Indicator • Heavy Duty Metal • Vibration Proof <p>Microphone (1 unit):</p> <ul style="list-style-type: none"> • Dual UHF with 32 Selectable Frequencies • USB Rechargeable Battery • Charging Port in Receiver Front Panel for Easy Charging • 1U Rack Unit Design with AA Battery Adaptor
13			ACCESSORIES
	1	unit	<p>External Hard Drive (VPARI) Specs: Portable External Memory Capacity: 1TB Interface: USB 3.0 (Backward compatible) Body : Plastic with anti-shock silicon Operating Voltage: DC 5V 900mAh System Requirements: Windows 10 or later</p>
	2	units	USB (OTG) 32GB (VPARI)
	2	units	Lapel (Teacher Education)
	2	units	Presentation Pointer (Teacher Education)
	4	units	HDMI (Teacher Education)
	2	units	USB (32G) (Teacher Education)
	200	units	RJ-45 Jack (MIS)
	3	units	UTP Cable Cat 5 (MIS)
	2	units	<p>Smart UPS 1000va Rack Mount (MIS) Specs: Output</p>

			<p>Max Configurable Power (Watts) 600Watts / 1.0kVA Output Voltage Distortion Less than 5% Output Frequency (sync to mains) 50/60Hz +/- 3 Hz Other Output Voltages 220, 240 Topology Line Interactive Waveform type Sine wave Transfer Time 6ms typical : 10ms maximum</p> <p><i>Input</i> Input frequency : 50/60 Hz +/- 3 Hz (auto sensing) Input voltage range for main operations : 180 - 287V Input voltage adjustable range for mains operation : 170 - 300V Number of Power Cords : 1 Other Input Voltages : 220, 240 Batteries & Runtime : Battery type Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leak proof Typical recharge time : 3hour(s) Expected Battery Life (years) : 4 - 6 RBC Quantity : 1 Battery Charge Power (Watts) : 72Watts Battery Volt-Amp-Hour Capacity : 216 Communications & Management Interface Port(s) : RJ-45 Serial, USB Control panel : Multi-function LCD status and control console Audible Alarm : Alarm when on battery : distinctive low battery alarm : configurable delays Surge Protection and Filtering Surge energy rating : 459Joules Filtering : Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449</p>
	10	units	UPS Battery 25v 9Ah (MIS) UPS Battery (APCRBC #132)
	5	units	Power Supply 650 watts ATX (MIS)
	2	units	Wireless Keyboard & Mouse Combo (MIS) Specs: Battery life: 48 months ¹ Battery: 2-AAA On/Off switch: Yes Full-size layout with 12 enhanced F-keys for media control: Wireless operating distance: 10m maximum ² Wireless system: Advanced 2.4 GHz wireless connectivity Sensor technology: Logitech Advanced Optical Tracking Resolution: 1000 dpi Battery life: 18 months ¹ Battery: 1-AA On/Off switch: Yes Number of buttons: 3 Scroll Wheel: Yes Wireless operating distance: 10m maximum ² Wireless system: Advanced 2.4 GHz wireless connectivity Connection Interface: USB receiver
	4	units	HDD 3.2" 1 TB SATA Internal (MIS) Specs: Interface : SATA 6Gb/s SATA Transfer Rates Supported (Gb/s) : 6.0/3.0/1.5 Max Sustainable Transfer Rate : 210MB/s Capacity : 1 TB
	8	units	Gigabit Switch 8 ports (Procurement)
	3	units	UPS (Cashier, VPEOEA)
	5	units	USB 8GB (Registrar)
	1	unit	Voice Recorder (BOR)
	10	units	USB Mouse & Keyboard (CCSIT)
	1	unit	UPS (Sports)
	1	unit	Network Attached Storage (Extension) Specs: NAS 2-bay DiskStation, Quad Core 1.4 GHz, 2GB RAM (DS218) with 1TB NAS HDD •CPU Model: Realtek RTD1296

			<ul style="list-style-type: none"> •CPU Architecture: 64-bit •CPU Frequency: 2 4-core 1.4 GHz •Hardware Transcoding Engine: 10-bit H.265 (HEVC), MPEG-4 Part 2, MPEG-2, VC-1; maximum resolution: 4K (4096 x 2160); maximum frame rate per second (FPS): 60 •System Memory: 2 GB DDR4 non-ECC •Storage: 1TB NAS HDD •Drive Bays: 2 •Compatible Drive Type: 3.5" SATA HDD, 2.5" SATA HDD, 2.5" SATA SSD •Maximum Internal Raw Capacity: 32 TB (16 TB drive x 2) (Capacity may vary by RAID types) •Maximum Single Volume Size: 108 TB •RJ-45 1GbE LAN Port: 1 •USB 2.0 Port: 1 •USB 3.0 Port: 2 •File System - Internal Drives: Btrfs, EXT4 •File System - External Drives: Btrfs, EXT4, EXT3, FAT, NTFS, HFS+, exFAT (access is purchased separately in Package Center) 																																																																				
	1	unit	<p>Network Switch (Extension)</p> <p>Specs:</p> <table border="0"> <tr><td>Architecture</td><td>MIPSBE</td></tr> <tr><td>CPU</td><td>AR9344</td></tr> <tr><td>CPU core count</td><td>1</td></tr> <tr><td>CPU nominal frequency</td><td>600 MHz</td></tr> <tr><td>Dimensions</td><td>113x138x29mm</td></tr> <tr><td>License level</td><td>4</td></tr> <tr><td>Operating System</td><td>RouterOS</td></tr> <tr><td>Size of RAM</td><td>128 MB</td></tr> <tr><td>Storage size</td><td>128 MB</td></tr> <tr><td>Storage type</td><td>NAND</td></tr> <tr><td>Tested ambient temperature</td><td>-20C +50C</td></tr> </table> <p>Powering</p> <table border="0"> <tr><td>PoE in</td><td>Passive PoE</td></tr> <tr><td>PoE in input Voltage</td><td>9-30 V</td></tr> <tr><td>Number of DC inputs</td><td>2 (PoE-IN, DC jack)</td></tr> <tr><td>DC jack input Voltage</td><td>9-30 V</td></tr> <tr><td>1Max power consumption</td><td>6.5 W</td></tr> </table> <p>PoE-out</p> <table border="0"> <tr><td>PoE-out ports</td><td>Ether5</td></tr> <tr><td>PoE out</td><td>Passive PoE</td></tr> <tr><td>Max out per port output (input < 30 V)</td><td>500 mA</td></tr> <tr><td>Max total out (A)</td><td>500 mA</td></tr> </table> <p>Wireless</p> <table border="0"> <tr><td>Wireless 2.4 GHz Max data rate</td><td>300 Mbit/s</td></tr> <tr><td>Wireless 2.4 GHz number of chains</td><td>2</td></tr> <tr><td>Wireless 2.4 GHz standards</td><td>802.11b/g/n</td></tr> <tr><td>Antenna gain dBi for 2.4 GHz</td><td>2.5</td></tr> <tr><td>Wireless 2.4 GHz chip model</td><td>AR9344</td></tr> <tr><td>Wireless 2.4 GHz generation</td><td>Wi-Fi 4</td></tr> </table> <p>Ethernet</p> <table border="0"> <tr><td>10/100 Ethernet ports</td><td>5</td></tr> </table> <p>Peripherals</p> <table border="0"> <tr><td>Number of USB ports</td><td>1</td></tr> <tr><td>USB Power Reset</td><td>Yes</td></tr> <tr><td>USB slot type</td><td>USB type A</td></tr> <tr><td>Max USB current (A)</td><td>1</td></tr> </table> <p>Power Adapter</p> <table border="0"> <tr><td>Input</td><td>220 Vots</td></tr> <tr><td>Output</td><td>24 Volts</td></tr> <tr><td>Current Rating Output</td><td>0.8-1.2 Amps</td></tr> </table>	Architecture	MIPSBE	CPU	AR9344	CPU core count	1	CPU nominal frequency	600 MHz	Dimensions	113x138x29mm	License level	4	Operating System	RouterOS	Size of RAM	128 MB	Storage size	128 MB	Storage type	NAND	Tested ambient temperature	-20C +50C	PoE in	Passive PoE	PoE in input Voltage	9-30 V	Number of DC inputs	2 (PoE-IN, DC jack)	DC jack input Voltage	9-30 V	1Max power consumption	6.5 W	PoE-out ports	Ether5	PoE out	Passive PoE	Max out per port output (input < 30 V)	500 mA	Max total out (A)	500 mA	Wireless 2.4 GHz Max data rate	300 Mbit/s	Wireless 2.4 GHz number of chains	2	Wireless 2.4 GHz standards	802.11b/g/n	Antenna gain dBi for 2.4 GHz	2.5	Wireless 2.4 GHz chip model	AR9344	Wireless 2.4 GHz generation	Wi-Fi 4	10/100 Ethernet ports	5	Number of USB ports	1	USB Power Reset	Yes	USB slot type	USB type A	Max USB current (A)	1	Input	220 Vots	Output	24 Volts	Current Rating Output	0.8-1.2 Amps
Architecture	MIPSBE																																																																						
CPU	AR9344																																																																						
CPU core count	1																																																																						
CPU nominal frequency	600 MHz																																																																						
Dimensions	113x138x29mm																																																																						
License level	4																																																																						
Operating System	RouterOS																																																																						
Size of RAM	128 MB																																																																						
Storage size	128 MB																																																																						
Storage type	NAND																																																																						
Tested ambient temperature	-20C +50C																																																																						
PoE in	Passive PoE																																																																						
PoE in input Voltage	9-30 V																																																																						
Number of DC inputs	2 (PoE-IN, DC jack)																																																																						
DC jack input Voltage	9-30 V																																																																						
1Max power consumption	6.5 W																																																																						
PoE-out ports	Ether5																																																																						
PoE out	Passive PoE																																																																						
Max out per port output (input < 30 V)	500 mA																																																																						
Max total out (A)	500 mA																																																																						
Wireless 2.4 GHz Max data rate	300 Mbit/s																																																																						
Wireless 2.4 GHz number of chains	2																																																																						
Wireless 2.4 GHz standards	802.11b/g/n																																																																						
Antenna gain dBi for 2.4 GHz	2.5																																																																						
Wireless 2.4 GHz chip model	AR9344																																																																						
Wireless 2.4 GHz generation	Wi-Fi 4																																																																						
10/100 Ethernet ports	5																																																																						
Number of USB ports	1																																																																						
USB Power Reset	Yes																																																																						
USB slot type	USB type A																																																																						
Max USB current (A)	1																																																																						
Input	220 Vots																																																																						
Output	24 Volts																																																																						
Current Rating Output	0.8-1.2 Amps																																																																						
	1	unit	Wireless Router w/ Gigabit Port (Extension)																																																																				

			<p>Specs:</p> <p>Network Standard IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IPv4, IPv6</p> <p>Product Segment AC1200 enhanced AC performance : 300+867 Mbps</p> <p>Coverage Medium homes</p> <p>Data Rate 802.11n : up to 300 Mbps 802.11ac : up to 867 Mbps</p> <p>Antenna Transmit/Receive External 5 dBi antenna x 4 MIMO technology</p> <p>Processor Memory 2.4 GHz 2 x 2 5 GHz 2 x 2 BCM47189+ BCM43217 16 MB Flash 128 MB RAM</p> <p>Operating Frequency 2.4 GHz / 5 GHz</p> <p>Encryption 64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , WPS support</p> <p>Firewall & Access Control URL Blocking MAC Filter URL Filter Enable LAN to WAN Filter Parental Control Web filter</p> <p>Management UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, Port Trigger, Port Forwarding, DMZ, System Event Log</p> <p>WAN Connection Type Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP Multicast Proxy support Multicast Rate Setting support</p> <p>Ports RJ45 for 10/100/1000 BaseT for WAN x 1, RJ45 for 10/100/1000 BaseT for LAN x 4 USB 2.0 x 1</p> <p>Features SmartQoS - WMM - User definable rules for IP/MAC/Port - Upload and download bandwidth management - ACK/SYN/FIN/RST/ICMP with highest priority Parental Control Guest Network : 2.4 GHz x 3, 5 GHz x 3 VPN client : PPTP client, L2TP client Enhanced media server (AiPlayer app compatible) - Image : Jpeg - Audio : mp3, wma, wav, pcm, mp4, lpcm, ogg - Video : asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov</p> <p>Button 3G/4G data sharing WPS Button, Reset Button, Power Button</p> <p>LED Indicator Power x 1 LAN x 4 Wi-Fi x 2 WAN x 1 USB x 1</p> <p>Power Supply AC Input : 110V~240V(50~60Hz) DC Output : 12 V with max. 2 A current</p> <p>OS Support Windows® 10 Windows® 8.1 Windows® 8 Windows® 7 Windows® Vista Windows® 2000 Windows® ME Windows® XP</p>
--	--	--	--

			<p>Mac OS X 10.1 Mac OS X 10.4 Mac OS X 10.4 Mac OS X 10.5 Mac OS X 10.6 Mac OS X 10.7 Mac OS X 10.8 Linux Kernel (Support Ubuntu only)</p> <p>Dimensions 207 x 148 x 35 ~ mm (WxDxH) (Without Bezel)</p> <p>Package Content RT-AC1200G Gigabit Router RJ-45 Cable Power adaptor Quick Start Guide Warranty Card</p> <p>Operation mode Wireless router mode Access point mode</p>
--	--	--	--