All India Institute of Speech and Hearing, Mysuru

Library and Information Centre

Justification and SPECIFICATIONS

**Name of the equipment: All-in-One Desktop Computer**

**Qty : 8 nos.**

**Justification**

Most of the existing computer systems available in the Library and Information Centre are with outdated configurations. Eight new systems are required for the following: TWO for Circulation Counter, ONE for Automatic Gate Register, ONE for scanning & official work, TWO for Online Public Access Catalogue and TWO for the professional staff members (SLIA and LIA).

**Specifications**

**SYSTEM FEATURES**

|  |  |
| --- | --- |
| Operating system | Windows 10 Home Single Language 64 |
| Processor | Intel® Core™ i5-8400T (1.7 GHz base frequency, up to 3.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) |
| Processor family | 8th Generation Intel® Core™ i5 processor |
| Chipset | Intel ® H370 |
| Special features | Tilt: 0° forward to 25° back |
| **MEMORY** | |
| Memory | 4 GB DDR4-2400 SDRAM (1 x 4 GB) |
| Memory slots | 2 SODIMM |
| Memory Note | Transfer rates up to 2400 MT/s. |
| STORAGE |  |
| Hard drive description | 1 TB 7200 rpm SATA |
| Storage type | HDD |
| Optical drive | DVD-Writer |
| **DISPLAY AND GRAPHICS** | |
| Display | 60.45cm(23.8) |
| Graphics | NVIDIA® GeForce® MX110 (2 GB GDDR5 dedicated) |
| **EXPANSION FEATURES** | |
| I/O Port location | Rear |
| Ports | 1 headphone/microphone combo; 2 USB 2.0; 2 USB 3.1 Gen 1 stand (W x D x H) |
| Dimensions without | 54.09 x 20.41 x 41.95 cm |
| **DIMENSIONS AND WEIGHT** | |
| Weight | 5.92 kg |
| Energy Efficiency Compliance | EPEAT® Silver registered; ENERGY STAR® certified |
| **DESIGN** | |
| Product color | Snow white |
| Power supply type | 120 W external AC power adapter |
| Expansion slots | 1 M.2 |
| Memory card device | 3-in-1 memory card reader |
| **MEDIA DEVICES** | |
| Audio features | Dual 2 W speakers |
| Webcam | HP Privacy HD Camera with dual array digital microphone |
| **INPUT DEVICES** | |
| Pointing device | HP White Wireless White Mouse |
| Keyboard | HP White Wireless White Keyboard with volume control |
| **COMMUNICATIONS** | |
| Network interface | Integrated 10/100/1000 GbE LAN |
| Wireless | 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo |
| **POWER AND OPERATING REQUIREMENTS** | |
| Power supply type | 120 W external AC power adapter |
| Energy Efficiency Compliance | EPEAT® Silver registered; ENERGY STAR® certified |
| **SECURITY MANAGEMENT** | |
| Security management | Kensington Lock slot; Firmware TPM 2.0 |
| **SOFTWARE** |  |
| HP apps | HP Audio Stream; HP Audio Switch; HP Connection Optimizer; HP Documentation; HP ePrint; HP JumpStart; HP Recovery Manager; HP Support Assistant; HP System Event Utility |
| Pre-installed software | CyberLink Power Media Player |
| Pre-installed software footnote | CyberLink Power Media Player: For HP Consumer PCs with DVD. |
| **WARRANTY AND SERVICES** | |
| Warranty | 3 year |