MEMBEKAL, MEMASANG, MENGUJI DAN MENTAULIAH KELENGKAPAN ICT UNTUK KEGUNAAN BANGUNAN PEJABAT MAJLIS BANDARAYA ISKANDAR PUTERI BAGI TAHUN 2025

SPESIFIKASI TEKNIKAL

BIL.	BAHAGIAN	MUKA SURAT
A	**KOMPUTER PERIBADI BESERTA KELENGKAPAN**	2/% P%
B	**KOMPUTER RIBA BESERTA KELENGKAPAN**	4/% P%
C	**PERALATAN ICT**	6/% P%
D	**PERALATAN SOKONGAN ICT**	8/% P%

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
A	**KOMPUTER PERIBADI BESERTA KELENGKAPAN**			
A.1	**SET KOMPUTER i5** ASUS EXPERTCENTER-24-W11 ATAU SETARA DENGANNYA			

Processor	Intel Core i5
Memory	24GB
Storage	512 GB SSD M.2
Graphic	Integrated Intel Graphics
OS	Windows 11 Pro
Audio	Integrated high-definition
Connectivity	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3
Interface	1x RJ45 Gigabit Ethernet
(Rear)	1x HDMI 1.4
	1x VGA Port
	1x Displayport 1.4
	1x 7.1 channel audio (3 ports)
	3x USB 2.0 Type-A
	2x USB 3.2 Gen 1 Type-A
	1x Headphone
(Front)	1x 3.5 mm combo audio jack
	2x USB 2.0 Type-A
	2x USB 3.2 Gen 2 Type-A
	1x USB 3.2 Gen 2*2 Type-C
	1x 2 in 1 card reader SD / MMC
Keyboard & Mouse	USB Keyboard & USB Optical Mouse
Monitor	ASUS VY249HF-R 24 Inch
	Panel Size (inch) : 23.8
	Backlight Type : LED
	Panel Type : IPS
	Response Time : 1ms MPRT
	Refresh Rate (Max) : 100Hz
	Port : HDMI(v1.4) x 1
	Earphone Jack : Yes

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
A.2	**SET KOMPUTER i7** ASUS EXPERTCENTER D8 SFF ATAU SETARA DENGANNYA			

Processor	Intel Core i7 vPro
Memory	32GB
Storage	1 TB SSD M.2
Graphic	Integrated Intel Graphics
OS	Windows 11 Pro
Audio	Integrated high-definition
Connectivity	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.3
	1x RJ45 Gigabit Ethernet
Interface	1x HDMI 1.4
(Rear)	1x VGA Port
	1x Displayport 1.4
	1x 7.1 channel audio (3 ports)
	3x USB 2.0 Type-A
	2x USB 3.2 Gen 1 Type-A
	1x Headphone
(Front)	1x 3.5 mm combo audio jack
	2x USB 2.0 Type-A
	2x USB 3.2 Gen 2 Type-A
	1x USB 3.2 Gen 2*2 Type-C
	1x 2 in 1 card reader SD / MMC
Keyboard & Mouse	USB Keyboard & USB Optical Mouse
Monitor	ASUS VY249HF-R 24 Inch
	Panel Size (inch) : 23.8
	Backlight Type : LED
	Panel Type : IPS
	Response Time : 1ms MPRT
	Refresh Rate (Max) : 100Hz
	Port : HDMI(v1.4) x 1
	Earphone Jack : Yes

<table>
<tr><th>BIL.</th><th>SPESIFIKASI</th><th>YA</th><th>TIDAK</th><th>CATATAN</th></tr>
<tr><td>B</td><td>KOMPUTER RIBA BESERTA KELENGKAPAN</td><td></td><td></td><td></td></tr>
<tr><td>B.1</td><td>KOMPUTER RIBA i9
ASUS ROG ZEPHYRUS G16 W11P 16" ATAU SETARA DENGANNYA

<table>
<tr><td>Processor</td><td>AMD Ryzen AI 9 HX 370</td></tr>
<tr><td>Memory</td><td>32GB</td></tr>
<tr><td>Storage</td><td>2TB PCIe 4.0 NVM M.2 SSD</td></tr>
<tr><td>Graphic Card</td><td>NVIDIA GeForce RTX 4070</td></tr>
<tr><td>Display</td><td>ROG Nebula Display 16-inch 2.5K OLED 240Hz</td></tr>
<tr><td>Camera</td><td>1080P FHD IR Camera</td></tr>
<tr><td>OS</td><td>Windows 11 Pro</td></tr>
<tr><td>Audio</td><td>4-speaker, Built-in 3-microphone</td></tr>
<tr><td>Connectivity</td><td>Wi-Fi 7(802.11be) (Triple band) 2*2+Bluetooth 5.4 Wireless Card</td></tr>
<tr><td>Keyboard</td><td>Backlit Chiclet Keyboard 1-Zone RGB</td></tr>
<tr><td>Interface</td><td>1x 3.5mm Combo Audio Jack</td></tr>
<tr><td></td><td>1x HDMI 2.1 FRL</td></tr>
<tr><td></td><td>2x USB 3.2 Gen 2 Type-A</td></tr>
<tr><td></td><td>1x USB 3.2 Gen 2 Type-C</td></tr>
<tr><td></td><td>1x Type-C USB 4</td></tr>
<tr><td></td><td>1x card reader (SD Card)</td></tr>
<tr><td>Accessories</td><td>1x Backpack</td></tr>
<tr><td></td><td>1x Wireless Mouse</td></tr>
</table></td><td></td><td></td><td></td></tr>
<tr><td>B.2</td><td>KOMPUTER RIBA i7
LENOVO LEGION SLIM 5 32-W11P ATAU SETARA DENGANNYA

<table>
<tr><td>Processor</td><td>AMD Ryzen 7 8845HS</td></tr>
<tr><td>Memory</td><td>32GB</td></tr>
<tr><td>Storage</td><td>1TB M.2 2280 PCIe 4.0x4 NVMe SSD</td></tr>
<tr><td>Graphic</td><td>NVIDIA GeForce RTX 4060</td></tr>
<tr><td>Display</td><td>16" WQXGA IPS sRGB, 165Hz, Dolby</td></tr>
<tr><td>Camera</td><td>FHD 1080p with E-shutter</td></tr>
<tr><td>OS</td><td>Windows 11 Pro</td></tr>
<tr><td>Audio</td><td>Stereo speakers, 2W x2, Nahimic Audio</td></tr>
<tr><td>Connectivity</td><td>Wi-Fi 6E, 11ax 2x2 + BT5.3</td></tr>
<tr><td>Keyboard</td><td>4-Zone RGB Backlit, English</td></tr>
<tr><td>Interface</td><td>2x USB-A (USB 10Gbps / USB 3.2 Gen 2)</td></tr>
<tr><td></td><td>1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with PD 140W and DisplayPort 1.4</td></tr>
<tr><td></td><td>1x USB-C</td></tr>
<tr><td></td><td>1x HDMI 2.1, up to 8K/60Hz</td></tr>
<tr><td></td><td>1x Headphone / microphone combo jack</td></tr>
<tr><td></td><td>1x Ethernet (RJ-45)</td></tr>
<tr><td></td><td>1x Card reader 1x Power connector</td></tr>
<tr><td>Accessories</td><td>1x Lenovo 300 Wireless Compact Mouse</td></tr>
<tr><td></td><td>1x Lenovo Legion 16" Gaming Backpack</td></tr>
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BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
B.3	**KOMPUTER RIBA i5** LENOVO THINKPAD E16 ATAU SETARA DENGANNYA			

Processor	AMD Ryzen 5
Memory	16GB
Storage	512 GB M.2 2280 PCIe 4.0x4 NVMe SSD
Graphic	Integrated AMD Radeon
Display	16" WUXGA IPS sRGB, 60Hz, Dolby
Camera	1080p FHD with Microphone and Privacy shutter
OS	Windows 11 Pro
Audio	Audio by Harman, Dolby Atmos, 2W x2 Stereo Speakers
Connectivity	Realtek 8852BE Wi-Fi 6 2x2ax + BT5.x
Keyboard	Backlit Keyboard
Interface	2x USB-C
	1x USB-A
	1x HDMI 2.1, up to 8K/60Hz
	1x Ethernet (RJ-45)
	1x Headphone / microphone combo jack
Accessories	1x Backpack
	1x Wireless Mouse

<table>
<tr><th>BIL.</th><th>SPESIFIKASI</th><th>YA</th><th>TIDAK</th><th>CATATAN</th></tr>
<tr><td>C</td><td>PERALATAN ICT</td><td></td><td></td><td></td></tr>
<tr><td>C.1</td><td>TABLET
11 INCH IPAD PRO WIFI+CELLULAR ATAU SETARA DENGANNYA
<table><tr><td>Processor</td><td>Apple M4</td></tr><tr><td>RAM</td><td>8GB</td></tr><tr><td>Storage</td><td>256GB</td></tr><tr><td>Screen Size</td><td>11 inch</td></tr><tr><td>Display</td><td>Ultra Retina XDR display | 2420x1668-pixel resolution | 120Hz</td></tr><tr><td>Camera</td><td>12MP Wide camera, f/1.8 aperture | Digital zoom up to 5x</td></tr><tr><td>Speaker</td><td>Four speaker audio</td></tr><tr><td>Mobile and Wireless</td><td>Wi-Fi 6E (802.11ax) with 2x2 MIMO, Bluetooth 5.3</td></tr><tr><td></td><td>5G (sub-6 Ghz) with 4x4 MIMO, Gigabit LTE with 4x4 MIMO</td></tr><tr><td>Sensors</td><td>Face ID</td></tr><tr><td></td><td>LiDAR Scanner</td></tr><tr><td></td><td>Three-axis gyro</td></tr><tr><td></td><td>Accelerometer</td></tr><tr><td></td><td>Barometer</td></tr><tr><td></td><td>Ambient light sensors</td></tr><tr><td>Accessories</td><td>Apple Pencil Pro</td></tr><tr><td></td><td>iPad Pro 11 M4 Magnetic ProFlip Case Cover, Screen Protector</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>C.2</td><td>TABLET
SAMSUNG GALAXY TAB S10+ ATAU SETARA DENGANNYA
<table><tr><td>Processor</td><td>Mediatek Dimensity 9300+</td></tr><tr><td>Memory</td><td>12GB</td></tr><tr><td>Storage</td><td>256GB NVMe SSD</td></tr><tr><td>Display</td><td>Dynamic AMOLED 2X, 120Hz, HDR10+</td></tr><tr><td>Camera</td><td>13 MP, f/2.0, 26mm (wide), 1/3.4", AF 8 MP, f/2.2, (ultrawide), 12 MP (Front Camera)</td></tr><tr><td>OS</td><td>Android 14, up to 4 major Android upgrades, One UI 6.1</td></tr><tr><td>Audio</td><td>Stereo speakers (4 speakers)</td></tr><tr><td>Connectivity</td><td>Wi-Fi 802.11 a/b/g/n/ac/6e, tri-band, Wi-Fi Direct + GSM/HSPA/LTE/5G</td></tr><tr><td>Sensors</td><td>Fingerprint (under display, optical), accelerometer, gyro, proximity, compass</td></tr><tr><td>Include</td><td>S-Pen, Cover case, Screen Protector</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>C.3</td><td>SMARTBOARD
ARVIA SMARTBOARD WINDOWS - ARV100 75" ATAU SETARA DENGANNYA
(TERMASUK PORTABLE STAND)
<table><tr><td>Processor</td><td>Intel Core i5</td></tr><tr><td>Memory</td><td>8GB</td></tr><tr><td>Storage</td><td>512 GB SSD</td></tr><tr><td>Graphic</td><td>Intel UHD Graphics</td></tr><tr><td>OS</td><td>Windows 11 Pro</td></tr><tr><td>Connectivity</td><td>Wi-Fi 802.11 A/B/G</td></tr><tr><td>Interface</td><td>6x USB 3.0</td></tr><tr><td></td><td>1x DisplayPort</td></tr><tr><td></td><td>1x HDMI 2.1</td></tr><tr><td></td><td>1x VGA</td></tr><tr><td></td><td>1x 3.5mm Audio</td></tr><tr><td></td><td>2x Ethernet (RJ45)</td></tr><tr><td>Panel Size</td><td>75"</td></tr><tr><td>Resolution</td><td>3840 x 2160</td></tr><tr><td>Back light</td><td>DLED</td></tr><tr><td>Panel Life</td><td>Over 50000 hours</td></tr><tr><td>Touch screen</td><td>Zero Bonding IR Touch</td></tr><tr><td>Touch points</td><td>20 touch points</td></tr><tr><td>Audio</td><td>2W stereo speakers</td></tr><tr><td>Camera</td><td>Arvia ePTZ Camera ARV-VC1702</td></tr><tr><td>Accessories</td><td>2x Pen, Portable Stand</td></tr></table></td><td></td><td></td><td></td></tr>
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BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
C.4	**KIOSK SCREEN (INTERACTIVE)** ARVIA FLOOR STANDING KIOSK - ROTATABLE (FLR101W) ATAU SETARA DENGANNYA			

Panel Type	55" real color LCD screen
Resolution	1920 x 1080 pixels
Back light	DLED
Touch technology	Capacitve, 20 touch points
interface	USB,HDMI,VGA,RJ45
Panel Life	Over 50,000 hours
Audio	Built-in 10W x 2 (Stereo)
Content Management	CDMS (Cloud-based)
Video Format	MPEG1, MPEG2, MPEG4, H.264
Image Format	JPG
Accessories	Castor wheels, remote control, & key

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
C.5	**MONITOR 34"** SAMSUNG ODYSSEY G5 34" ATAU SETARA DENGANNYA			

Screen Size	34"
Flat / Curved	Curved
Panel Type	VA
Brightness (Typical)	250 cd/m2
Contrast Ratio Static	2500 : 1
High Dynamic Range	HDR10
Resolution	3,440 x 1,440
Response Time	1ms (MPRT)
Viewing Angle (H/V)	178
Refresh Rate	Max 165Hz
General Feature	Eye Saver Mode
FreeSync	FreeSync Premium
Interface	1x Display Port
	1x HDMI
	1x Headphone port

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
C.6	**3D PRINTER** CREALITY K1 HIGH SPEED FDM 3D PRINTER ATAU SETARA DENGANNYA			

Print Technology	FDM
Extruder	Sprite Direct Drive
Supported Filament	PLA/TPU/PETG/ABS/PET/Carbon
Max. Nozzle Temperature	300 Celcius
Max. Heated Bed Temperature	100 Celcius
User Interface	4.3 inch touch screen
Print Interface	USB Flash Disk/LAN Printing
Power Loss Recovery	Yes
Filament Detection	Yes
Auto leveling	Yes

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
D	**PERALATAN SOKONGAN ICT**			
D.1	**MONITOR** SAMSUNG ODYSSEY G5 27" ATAU SETARA DENGANNYA			

Screen Size	27"
Flat / Curved	Flat
Panel Type	VA
Brightness (Typical)	300 cd/m2
Contrast Ratio Static	2500 : 1
High Dynamic Range	HDR10
Resolution	3,440 x 1,440
Response Time	1ms (MPRT)
Viewing Angle (H/V)	178
Refresh Rate	Max 165Hz
General Feature	Eye Saver Mode
FreeSync	FreeSync Premium
Interface	1x Display Port
	2x HDMI
	1x Headphone port

D.2	**APPLE MAGIC MOUSE 2** APPLE MAGIC MOUSE 2 ATAU SETARA DENGANNYA			

Connectivity	Wireless
Features	Scrolling, gesture function
Interface	Bluetooth
Multi-Touch	Yes
Rechargeable	Yes

D.3	**RAM 16GB** KINGSTON FURY BEAST BLACK 16GB DDR4 (DESKTOP) ATAU SETARA DENGANNYA			

Capacity	16GB
Type	DDR4 UDIMM
Speed	3600MHz
Latency	CL16

D.4	**EXTERNAL SSD 2TB** SANDISK EXTREME PORTABLE SSD V2 USB 3.2 TYPE-C 2TB ATAU SETARA DENGANNYA			

Storage Size	2 TB
Drive Type	SSD
System Connection	USB-C 3.1/3.2 Gen 2
Read Speed	Maximum: 1050 MB/s
Write Speed	Maximum: 1000 MB/s
Environmental Resistance	Dust/Water-Resistant (IP65)

D.5	**HARD DISK 1TB** SEAGATE ONE TOUCH 1TB ATAU SETARA DENGANNYA			

Capacity	1TB
Interface	USB 3.2 Gen 1
Connectivity	USB-A connector
Form Factor	2.5-inch external hard drive

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
D.6	**SANDISK MEMORY CARD 64GB** SANDISK EXTREME PRO SDXC UHS-II CARD 64GB V90 U3 CLASS 10 ATAU SETARA DENGANNYA			

Card Type	SDXC
Storage Capacity	64 GB
Bus Type	UHS-II
Speed Class	10
UHS Speed Class	U3
Video Speed Class	V90
Read Speed	Maximum: 300 MB/s
Write Speed	Maximum: 260 MB/s
	Minimum: 90 MB/s

D.7	**PENDRIVE 256GB USB FLASH DRIVE** SANDISK ULTRA DUAL DRIVE GO USB TYPE-C 256GB ATAU SETARA DENGANNYA			

Capacity	256GB
Interface	USB 3.1 Type-C and USB Type-A
Read Speed	Up to 150 MB/s (150 megabytes per second)
Write Speed	15-30 MB/s
Compatibility	Compatible with USB Type-C smartphones, tablets, and Macs, as well as USB Type-A computers
Encryption	Supports encryption for secure data transfer

D.8	**NAS HDD 16TB** NAS HDD 16TB (SYNOLOGY) ATAU SETARA DENGANNYA			

Storage Capacity	16TB
Form factor	3.5 inch
Interface	SATA III 6 Gb/s
Cache	512MB cache
Rotational Speed	7200 rpm
Compatibility	RAID-optimized NAS systems with unlimited# of bays
Mean Time to Failure	2.5 million hours

D.9	**WIRELESS KEYBOARD + MOUSE** LOGITECH MK270R WIRELESS MOUSE + KEYBOARD COMBO ATAU SETARA DENGANNYA			

Keyboard	Full-size keyboard with spill-resistant design, 8 multimedia and shortcut keys, and a battery life of up to 36 months.
Mouse	Compact and ambidextrous mouse with a battery life of up to 12 months and precise cursor control.
Connectivity	2.4 GHz wireless connection with a range of up to 10 meters (33 feet) and a tiny USB receiver.

D.10	**WIRELESS MECHANICAL KEYBOARD** TECWARE SPECTRE 75 (HITAM) ATAU SETARA DENGANNYA			

Key Switch	Linear Viridian Switch
Layout	81-Key 75% Layout
Switch Lifespan	50 million keystrokes
Switch Type	Red Pre-lubed Switches
Lighting	RGB Backlighting
Colour	Black
Media Keys	Yes
Layout	US QWERTY
Internal Battery	4000mAH
Display	1.14" Customizable
Connectivity	Wireless 2.4GHz / Bluetooth/ Wired
Keycap Type	Double-shot, Non-Shinethrough, PBT Keycaps

<table>
<tr><th>BIL.</th><th>SPESIFIKASI</th><th>YA</th><th>TIDAK</th><th>CATATAN</th></tr>
<tr><td>D.11</td><td>WIRELESS MECHANICAL KEYBOARD
TECWARE SPECTRE 96 (HITAM) ATAU SETARA DENGANNYA
<table><tr><td>Key Switch</td><td>Linear Viridian Switch</td></tr><tr><td>Layout</td><td>96-Key 96% Layout</td></tr><tr><td>Switch Lifespan</td><td>50 million keystrokes</td></tr><tr><td>Switch Type</td><td>Red Pre-lubed Switches</td></tr><tr><td>Lighting</td><td>RGB Backlighting</td></tr><tr><td>Colour</td><td>Black</td></tr><tr><td>Media Keys</td><td>Yes</td></tr><tr><td>Layout</td><td>US QWERTY</td></tr><tr><td>Internal Battery</td><td>4000mAH</td></tr><tr><td>Display</td><td>1.14" Customizable</td></tr><tr><td>Connectivity</td><td>Wireless 2.4GHz / Bluetooth/ Wired</td></tr><tr><td>Keycap Type</td><td>Double-shot, Non-Shinethrough, PBT Keycaps</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.12</td><td>WIRELESS MECHANICAL KEYBOARD
TECWARE SPECTRE 96 (PUTIH) ATAU SETARA DENGANNYA
<table><tr><td>Key Switch</td><td>Linear Viridian Switch</td></tr><tr><td>Layout</td><td>96-Key 96% Layout</td></tr><tr><td>Switch Lifespan</td><td>50 million keystrokes</td></tr><tr><td>Switch Type</td><td>Red Pre-lubed Switches</td></tr><tr><td>Lighting</td><td>RGB Backlighting</td></tr><tr><td>Colour</td><td>White</td></tr><tr><td>Media Keys</td><td>Yes</td></tr><tr><td>Layout</td><td>US QWERTY</td></tr><tr><td>Internal Battery</td><td>4000mAH</td></tr><tr><td>Display</td><td>1.14" Customizable</td></tr><tr><td>Connectivity</td><td>Wireless 2.4GHz / Bluetooth/ Wired</td></tr><tr><td>Keycap Type</td><td>Double-shot, Non-Shinethrough, PBT Keycaps</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.13</td><td>MAGIC KEYBOARD
MAGIC KEYBOARD FOR IPAD PRO 11-INCH ATAU SETARA DENGANNYA
<table><tr><td>Charging Interface</td><td>USB-C (Pass-through charging)</td></tr><tr><td>Features</td><td>Backlit Keypad</td></tr><tr><td></td><td>Built-in Trackpad</td></tr><tr><td></td><td>Two-cantilever-hinge Design</td></tr><tr><td></td><td>14-key quick access function</td></tr><tr><td>Compatibility</td><td>iPad 11-inch</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.14</td><td>NUMBER PAD
ICLEVER IC-KP09 PORTABLE WIRELESS 2.4G NUMBER KEYBOARD PAD ATAU SETARA DENGANNYA
<table><tr><td>Type</td><td>Numeric keypad</td></tr><tr><td>Connection Type</td><td>Bluetooth</td></tr><tr><td>Mechanical keys</td><td>Scissor-Switch Structure</td></tr><tr><td>Battery Type</td><td>Built-in lithium battery</td></tr><tr><td>Battery life</td><td>Up to 100 hours</td></tr><tr><td>ChargIng Type</td><td>USB-C</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.15</td><td>LASER POINTER
RAPOO XR200 USB 2.4G TOUCHABLE RECHARGEABLE 3R LASER PRESENTER ATAU SETARA DENGANNYA
<table><tr><td>Frequency</td><td>2.4GHz, Up to 30M</td></tr><tr><td>Laser Power Output</td><td>less than 5mW</td></tr><tr><td>Laser Wavelength</td><td>650nm (RED)</td></tr><tr><td>Laser distance</td><td>more than 200m</td></tr><tr><td>Control Function</td><td>Page Up & Down | Windows Control | Hyperlink |</td></tr><tr><td></td><td>Touchable pen head</td></tr><tr><td>Battery</td><td>Rechargeable lithium battery, 90 days</td></tr></table></td><td></td><td></td><td></td></tr>
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<tr><th>BIL.</th><th>SPESIFIKASI</th><th>YA</th><th>TIDAK</th><th>CATATAN</th></tr>
<tr><td>D.16</td><td>3D PRINTER FILAMENT
CREALITY HYPER 1.75MM PLA 3D PRINTING FILAMENT 1KG/SPOOL (PUTIH) ATAU SETARA DENGANNYA
<table><tr><td>Product Name</td><td>Hyper Series PLA</td></tr><tr><td>Density</td><td>1.25g/cm3</td></tr><tr><td>Tensile Strength</td><td>52.991Mpa</td></tr><tr><td>Bending Strength</td><td>92.381Mpa</td></tr><tr><td>Charpy Impact Strength</td><td>8.8344kJ/m2</td></tr><tr><td>Printing Speed</td><td>30-600mm/s</td></tr><tr><td>Printing Platform</td><td>Carbon Silicon, PEI Platform Board, Textured Paper, PVP Solid Glue</td></tr><tr><td>Filament diameter</td><td>1.75mm</td></tr><tr><td>Net Weight</td><td>1Kg/2.2lb</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.17</td><td>3D PRINTER FILAMENT
CREALITY CR 1.75MM PLA 3D PRINTING FILAMENT 1KG/SPOOL (PUTIH) ATAU SETARA DENGANNYA
<table><tr><td>Product Name</td><td>CR-PLA Filament</td></tr><tr><td>Density</td><td>1.24g/cm3</td></tr><tr><td>Tensile Strength</td><td>51MPa</td></tr><tr><td>Bending Strength</td><td>86MPa</td></tr><tr><td>Charpy Impact Strength</td><td>10.5J/m2</td></tr><tr><td>Printing Speed</td><td>40-120mm/s</td></tr><tr><td>Printing Platform</td><td>tempered glass, mask tap, glue stick</td></tr><tr><td>Filament diameter</td><td>1.75mm</td></tr><tr><td>Net Weight</td><td>1Kg/2.2lb</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.18</td><td>3D PRINTER FILAMENT
CREALITY ENDER-PLA 1.75MM 3D PRINTING FILAMENT 1KG (PUTIH) ATAU SETARA DENGANNYA
<table><tr><td>Product Name</td><td>Ender-PLA Filament</td></tr><tr><td>Density</td><td>1.25g/cm3</td></tr><tr><td>Tensile Strength</td><td>34MPa</td></tr><tr><td>Bending Strength</td><td>77MPa</td></tr><tr><td>Charpy Impact Strength</td><td>7J/m2</td></tr><tr><td>Printing Speed</td><td>40-80mm/s</td></tr><tr><td>Printing Platform</td><td>Carborundum glass platform, PEI platform, Crepe tape, PVP glue</td></tr><tr><td>Filament diameter</td><td>1.75mm</td></tr><tr><td>Net Weight</td><td>1Kg/2.2lb</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.19</td><td>TOWER POWER EXTENSION
ENCO VERTICAL POWER SOCKET ATAU SETARA DENGANNYA
<table><tr><td>Material</td><td>Fire Retardant</td></tr><tr><td>Current</td><td>13A</td></tr><tr><td>Socket</td><td>8</td></tr><tr><td>Power</td><td>3250W MAX</td></tr><tr><td>Cable Length</td><td>2M pure copper</td></tr><tr><td>USB Output</td><td>4 Port 2.1A</td></tr><tr><td>Safety Protection</td><td>Overload Protector</td></tr><tr><td>Sirim Certified</td><td>Certified</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.20</td><td>EXTENSION 3M
SELAMAT MA-1183(NEON) 3 METER 3 GANG ATAU SETARA DENGANNYA
<table><tr><td>Material</td><td>Fire Retardant</td></tr><tr><td>Current</td><td>13A</td></tr><tr><td>Socket</td><td>3</td></tr><tr><td>Power</td><td>3250W MAX</td></tr><tr><td>Cable Length</td><td>3M pure copper</td></tr><tr><td>Safety Protection</td><td>Surge Protector</td></tr><tr><td>Safety Approved</td><td>SIRIM & Suruhanjaya Tenaga</td></tr></table></td><td></td><td></td><td></td></tr>
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<tr><th>BIL.</th><th>SPESIFIKASI</th><th>YA</th><th>TIDAK</th><th>CATATAN</th></tr>
<tr><td>D.21</td><td>EXTENSION 5M
SELAMAT MA-1183(NEON) 5 METER 3 GANG ATAU SETARA DENGANNYA
<table><tr><td>Material</td><td>Fire Retardant</td></tr><tr><td>Current</td><td>13A</td></tr><tr><td>Socket</td><td>3</td></tr><tr><td>Power</td><td>3250W MAX</td></tr><tr><td>Cable Length</td><td>5M pure copper</td></tr><tr><td>Safety Protection</td><td>Overload Protector</td></tr><tr><td>Safety Approved</td><td>SIRIM & Suruhanjaya Tenaga</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.22</td><td>EXTENSION 7M
SELAMAT 2K-244 4 GANG CABLE REEL 7 METER ATAU SETARA DENGANNYA
<table><tr><td>Body type</td><td>Heavy Duty Cable Reel</td></tr><tr><td>Current</td><td>13A</td></tr><tr><td>Socket</td><td>4</td></tr><tr><td>Power</td><td>3000W MAX</td></tr><tr><td>Cable Length</td><td>7M pure copper</td></tr><tr><td>Safety Approved</td><td>SIRIM & Suruhanjaya Tenaga</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.23</td><td>EXTENSION 15M
SELAMAT 2K-344 4 GANG CABLE REEL 15 METER ATAU SETARA DENGANNYA
<table><tr><td>Body type</td><td>Heavy Duty Cable Reel</td></tr><tr><td>Current</td><td>13A</td></tr><tr><td>Socket</td><td>4</td></tr><tr><td>Power</td><td>3000W MAX</td></tr><tr><td>Cable Length</td><td>15M pure copper</td></tr><tr><td>Safety Approved</td><td>SIRIM & Suruhanjaya Tenaga</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.24</td><td>MAGIC KEYBOARD
MAGIC KEYBOARD FOR IPAD AIR 11-INCH ATAU SETARA DENGANNYA
<table><tr><td>Design</td><td>Floating with adjustable magnetic hinge</td></tr><tr><td>Keyboard</td><td>Backlit with scissor mechanism</td></tr><tr><td>Trackpad</td><td>Built-in</td></tr><tr><td>Port</td><td>USB-C passthrough charging</td></tr><tr><td>Protection</td><td>Front and back cover</td></tr><tr><td>Compatibility</td><td>iPad Air 11 inch</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>D.25</td><td>HDMI CABLE 3M
KAMEHA KA189 HDMI TO HDMI V2.1 8K60HZ 3METER ATAU SETARA DENGANNYA
<table><tr><td>Cable Length</td><td>3M</td></tr><tr><td>Bandwidth</td><td>Up to 48 Gbps</td></tr><tr><td>Resolution</td><td>4K@50/60, 4K@100/120, 8K@50/60, 8K@100/120</td></tr><tr><td>Power output</td><td>Up to 118W</td></tr><tr><td>Features</td><td>Supports DTS Master, DTS:X, Dolby True HD, Dolby Atoms, Dolby Vision and more</td></tr><tr><td></td><td>ALLM - Auto Low Latency Mode</td></tr><tr><td></td><td>eARC - Enhanced Audio Return Channel</td></tr><tr><td></td><td>QFT - Quick Frame Transport</td></tr><tr><td></td><td>QMS - Quick Media Switching</td></tr><tr><td></td><td>VRR - Variable Refresh Rate</td></tr><tr><td></td><td>Supports HDCP 1.4, 2.0 & 2.2</td></tr></table></td><td></td><td></td><td></td></tr>
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BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
D.26	**HD WEBCAM** LOGITECH HD PRO WEBCAM C920 ATAU SETARA DENGANNYA			

Max Resolution	1080 p/30 fps - 720p/ 30 fps
Camera	3 Mega pixel
Focus type	Autofocus
Lens type	Glass
Built-in mic	Stereo
Mic range	Up to 1 m
Field of view	78 degree
Features	Tripod-ready universal mounting clip fits laptops, LCD or monitors