

## SOLUSI PERSOALAN 3B

Oleh Yuhan Fanzuri Nizar

19624270

SBC	Raspberry Pi 4	Raspberry Pi 5
<b>CPU</b>	Broadcom BCM2711, Cortex-A72(ARM v8) 64-bit SOC @ 1.8 GHz	Broadcom BCM12712, quad-core Cortex-A76 (ARM v8), 64-bit SOC @ 2.4 GHz
<b>RAM</b>	1 GB, 2 GB, 4 GB, 8 GB	1 GB, 2 GB, 4 GB, 8 GB
	2.4 GHz and 5.0 GHz wireless Bluetooth 5.0, BLE Gigabit Ethernet 2x USB 3.0, 2x USB 2.0 ports, standard 40-pin GPIO header, 2x Micro HDMI Ports (up to 4k 60fps), 2-lane MIPI DSI, 2-lane MIPI CSI, 4-pole stereo audio and composite video	2.4 GHz and 5.0 GHz 802.11 ac wireless Bluetooth 5.0, BLE Gigabit Ethernet, 1x PCIe 2.0 interface, 2x USB 3.0 (5 Gbit/s), 2x USB 3.0 ports, standard 40-pin GPIO header, 2x Micro HDMI ports (up to 4k 60 fps), 2x 4-lane MIPI (DSI/CSI)
<b>OS dan Penyimpanan data</b>	MicroSD card slot	MicroSD card slot with support for high-speed SDR104 mode
<b>Input Power</b>	5 V DC @ 3 A (via USB-C connector or GPIO)	5 V DC @ 5 A DC (PD-enabled)
<b>Kelebihan</b>	Lebih murah dari Pi 5	CPU lebih cepat RAM lebih cepat Kemampuan graphic yang lebih
<b>Kekurangan</b>	CPU lebih lambat RAM lebih lambat Kemampuan graphic kurang dari Pi 5	Lebih mahal dari Pi 4
<b>Cocok Untuk</b>	komputer belajar untuk anak kecil	Otomasi rumah pintar