

QBiX-Plus Series



Model Name	QBiX-Plus-KBLA7100-A1	QBiX-Plus-APLA3450-A1
Dimension	180W x 117D x 36H (mm)	165W x 105D x 27H (mm)
CPU	Intel® Core™ i3-7100U Processor, 14nm, 2 cores, 4 threads, up to 2.40 GHz, TDP 15W	Intel® Celeron® Processor N3450, 14nm, 4 cores, 4 threads, up to 2.2 GHz, TDP 6W
Chipset	SOC	SOC
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32 GB, Support Dual Channel DDR4 2133 MHz	2 x DDR3L SO-DIMM sockets, Max. Capacity 8 GB, Support Dual Channel DDR3L 1866 MHz
Ethernet	2 x GbE LAN ports (Intel® I219LM and Intel® I210AT)	2 x GbE LAN ports (Realtek® RTL8111HS)
Graphic	Integrated Graphics Processor - Intel® HD Graphics 620: 2 x HDMI 2.0 2 independent display outputs	Integrated Graphics Processor - Intel® HD Graphics 500: 2 x HDMI 1.4 2 independent display outputs
Audio	Realtek® ALC255	Realtek® ALC255
Storage	—	—
Expansion Slots	1 x 2280 M.2 M-Key (PCIe x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key 1 x Full-size Mini PCIe with SIM slot	1 x 2280 M.2 M-Key (SATA 6Gb/s) 1 x 2230 M.2 E-Key 1 x Full-size Mini PCIe with SIM slot
Front I/O	1 x USB3.1 Gen2 Type C 1 x USB3.1 Gen2 Type A 2 x USB3.0 1 x COM port (RS-232/422/485) 1 x Micro SD card slot 1 x Power button	2 x USB 3.0 1 x COM port (RS-232/422/485)(RJ45) 1 x Micro SD card slot 1 x Power button
Rear I/O	1 x Combo Audio Jack (Microphone & Headphone) 2 x RJ45 LAN ports 2 x USB 3.0 2 x HDMI 1 x DC Jack	1 x Combo Audio Jack (Microphone & Headphone) 2 x RJ45 LAN ports 2 x USB 3.0 2 x HDMI 1 x DC Jack
Side I/O	3 x External Antenna Hole (Optional)	3 x External Antenna Hole (Optional)
TPM	—	—
Power	+19VDC (Adapter 19V/90W)	+19VDC (Adapter 19V/65W)
Operating Temp.	0°C to 40°C	0°C to 50°C
Mounting	VESA 75/100	VESA 75/100
Ordering Information	9BCKABMR-SI (Box packing)	9BCBBAMR-SI (Box packing)
Built-in Components	Memory: 4GB DDR4 SO-DIMM Storage: 128GB M.2 SSD	Memory: 4GB DDR4 SO-DIMM Storage: 128GB M.2 SSD

Mouser Electronics

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