



2026

IPC Products

New and Featured Products



Z-A133-F

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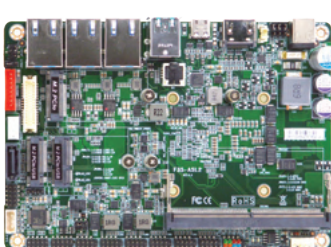
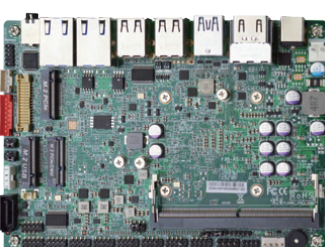
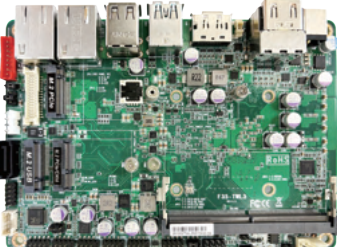
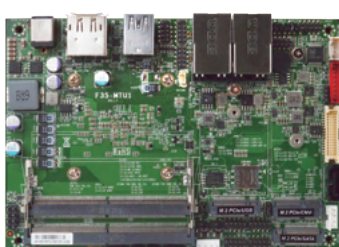
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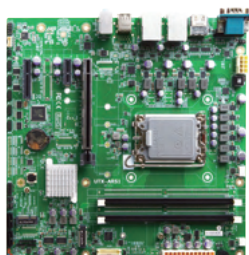
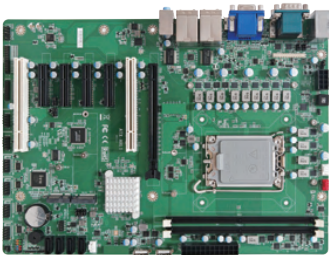
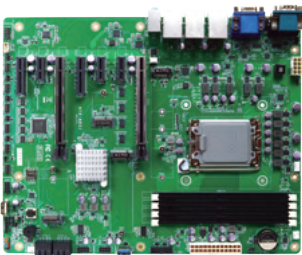
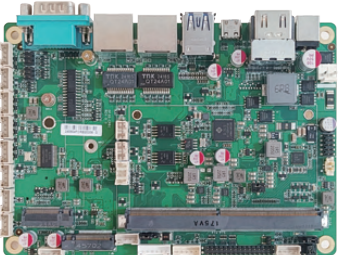
e-mail: sales@jetwaycomputer.com

www.jetwayipc.com



Model	F35-ARU1	F35-TWL3	F35-ASL1	F35-ASL2
Form Factor	3.5"	3.5"	3.5"	3.5"
CPU/PCH	Onboard Intel® Core™ Ultra 5/7 Processor 225U/255U (Formerly Arrow Lake-U, TDP 15W) Intel® SoC	Onboard Intel Atom® N150 Processor (Formerly Twin Lake, TDP 6W) Intel® SoC	Onboard Intel Atom® x7433RE Processor (Formerly Amston Lake, TDP 9W) Intel® SoC	Onboard Intel Atom® x7213RE / x7433RE Processor (Formerly Amston Lake, TDP 9W) Intel® SoC
Memory	2 x DDR5 6400MT/s, Dual Channel CSO-DIMM, up to 128GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 48GB
LAN	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE	2 x RJ45 for Realtek® RTL8111H GbE	2 x RJ45 for Intel® I226-V 2.5GbE	3 x RJ45 for Intel® I226-IT 2.5GbE
USB	1 x USB 3.2 Gen 2x2 Type-C (20Gbps) 3 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) Internal Header for 4 x USB 2.0	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 4 x USB 2.0	Internal Header for 4 x USB 2.0 4 x USB 2.0 1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode 1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)	3 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode Internal Header for 2 x USB 2.0
Display	1 x 24-bit Dual Channel LVDS / eDP 1 x Type-C DP 1.4 1 x DP1.4 1 x HDMI® 2.0b Support 4 Displays	1 x 24-bit Dual Channel LVDS / eDP 1 x DP1.4 2 x HDMI® 2.0b Support 3 Displays	1 x 24-bit Dual Channel LVDS / eDP 1 x Type-C DP1.4a 1 x HDMI® 2.0b 1 x HDMI® 1.4 Support 3 Displays	1 x 24-bit Dual Channel LVDS / eDP 1 x Type C DP1.4 1 x HDMI® 1.4b Support 3 Displays
Storage	1 x SATA III RAID 0/1	1 x SATA III	1 x SATA III Onboard 64GB eMMC 5.1 (optional)	1 x SATA III Onboard 128GB eMMC 5.1 (optional)
M.2 & Mini Card	1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) Support CNVio 1 x B-Key 3042/3052 (USB 3.2/PCIe 3.0 x2) 1 x M-Key 2242/2280 (PCIe 4.0 x4 / SATA III) Support NVMe 1 x Nano SIM Card Slot	1 x B-Key 3042/3052 (USB 3.2) for 4G/5G/LTE 1 x E-Key 2230 (USB 2.0/PCIe x1) for WIFI/BT Module 1 x M-Key 2280 (PCIe 3.0 x2) Support NVMe 1 x Nano SIM Card Slot	1 x B-Key 3042/3052 (USB 3.2/USB 2.0) for 4G/5G Module 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) 1 x M-Key 2280 (PCIe 3.0 x2) Support NVMe 1 x Nano SIM Card Slot	1 x B-Key 3042/3052 (USB 3.2) for 4G/5G/LTE 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) Support CNVi 1 x M-Key 2280 (PCIe x2) 1 x Nano SIM Card Slot
COM	Internal Header for 4 x RS-232/422/485	Internal Header for 1 x RS-232/422/485 Internal Header for 3 x RS-232	Internal Header for 1 x RS-232/422/485 Internal Header for 5 x RS-232	Internal Header for 1 x RS-232/422/485 Internal Header for 5 x RS-232
Power	DC-in 12~36V	DC-in 12V	DC-in 12~28V	DC-in 9~36V
Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Application	Industrial Control / Industrial Robotics / Signage	Digital Signage / KIOSK	Digital Signage / POS / Smart Factory	Industrial Control / Factory Automation

ARM

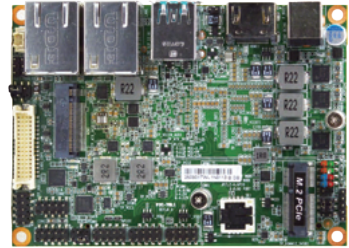
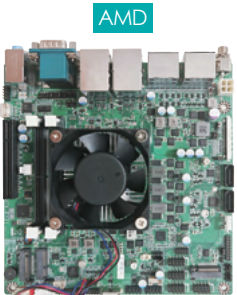
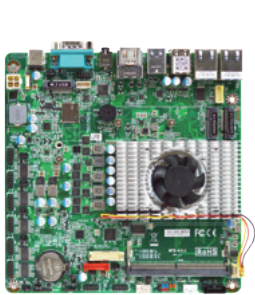


Model	F35-ARK2-339946A1	ATX-ARS1	ATX-ARL1-H810	UTX-ARS1
Form Factor	146 x 102mm	ATX	ATX	Micro-ATX
CPU/PCH	Rockchip® ARM Cortex A72 (Dual Core) +Cortex A53 (Quad Core), A72 up to 1.8GHz, A53 up to 1.4GHz, Rockchip® RK808-D PMU	Intel® LGA1851 Socket, Processor Arrow Lake-S (TDP 125W) Intel® Q870	Intel® LGA1851 Socket Ultra 9/7/5th Gen Processor (TDP 125W) Intel® Arrow lake-S H810 Chip	Intel® LGA1851 Socket, Processor Arrow Lake-S (TDP 125W) Intel® H810
Memory	Onboard LPDDR4 1866MHz 4GB (Max 4GB)	4 x DDR5 6400MT/s, Dual Channel CU-DIMM, up to 256GB	2 x DDR5 6400MT/s, Dual Channel U-DIMM, up to 96GB	2 x DDR5 6400MT/s, Dual Channel CU-DIMM, up to 128GB
LAN	1 x Realtek RTL8211E GbE, 1 x Realtek® RTL8152B-VB-CG GbE, 1 x AMPAK AP6398SV	1 x Intel® I226-LM 2.5GbE, 2 x Intel® I226-V 2.5GbE vPro / iAMT Supported	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I219-V GbE	2 x RJ45 for Intel® I226-V 2.5GbE
USB	2 x USB3.0 (Co-lay OTG) Internal Header for 6 x USB 2.0	6 x USB 3.2 Gen 2 Internal Header for 2 x USB 3.2 Gen 1 Internal Header for 6 x USB 2.0 Internal USB Type A (Vertical) for 1 x USB 3.2 Gen 1x1 Internal USB Type A (Vertical) for 1 x USB 2.0	4 x USB 3.2 Gen 1 2 x USB 2.0 Internal Header for 4 x USB 2.0 Internal USB Type A (Vertical) for 2 x USB 2.0	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) 2 x USB 2.0 Internal Header for 6 x USB 2.0
Display	1 x HDMI® 1 x eDP 1 x LVDS Support 2 Displays	1 x DP1.4a 2 x HDMI® 1 x VGA Support 4 Displays	1 x DP2.1 1 x HDMI® 2.0 1 x VGA Support 3 Displays	1 x 24-bit Dual Channel LVDS / eDP 1 x DP1.4a 2 x HDMI® 2.1 TMDS Support 3 Displays
Storage	64GB Flash ROM(Max 64GB)	4 x SATA III Intel® VMD RAID 0, 1 & SATA RAID 0, 1, 5, 10	4 x SATA III	2 x SATA III
M.2 & Mini Card	1 x Micro SD 1 x Mini PCIe Socket 1 x SIM Card socket	2 x PCIe Gen 5 x16, 2 x PCIe Gen 4 x4, 3 x PCIe Gen 4 x1, 1 x M-Key 2242/2260/2280/22110 (NVMe), 1 x M-Key 2280 (NVMe), 1 x E-Key 2230 (CNVio), 1 x B-Key 3042/3052 for 4G/5G module, 1 x Nano SIM Card Slot	1 x M-key 2242/2280 (SATA interface, Co-lay SATA4) 1 x E-Key 2230 (USB2.0 + CNVi interface)	1 x PCIe Gen 5 x16 1 x PCIe Gen 4 x4 1 x PCIe Gen 4 x1 1 x M-Key 2242/2280 1 x E-Key 2230 (CNVio)
COM	2 x RS-232	1 x DB-9 for RS-232/422/485 Internal Header for 5 x RS-232	Internal Header for 4 x RS-232 2 x DB-9 for RS-232/422/485	1 x DB-9 for RS-232/422/485, Internal Header for 5 x RS-232, Internal Header for 4 x RS-232 (Optional)
Power	DC-in 12V	ATX Power Supply	ATX Power Supply	ATX Power Supply
Temperature	-10°C ~ 60°C (14°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Application	Digital Signage / Kiosk / HMI	Industrial Control / Automation/ Facial Recognition	Smart Factory / Automation / AI Inference	Industrial Control/ Automation/ Facial Recognition

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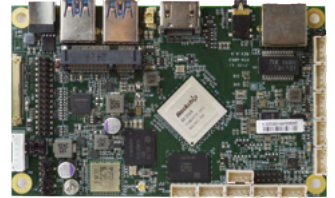
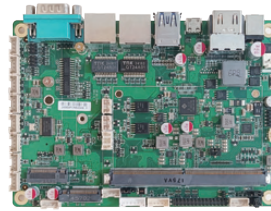
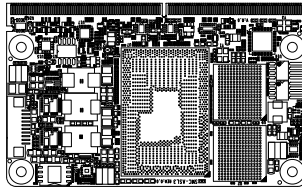


Model	MTX-ARS1	MTX-ARH1	MTX-MTH1	MTX-TWL1
Form Factor	Mini-ITX	Thin Mini-ITX	Thin Mini-ITX	Mini-ITX
CPU/PCH	Intel® LGA1851 Socket, Processor Arrow Lake-S (MAX. TDP 65W) Intel® H810	Onboard Intel® Core™ Ultra 7/5 Processor 255H/125H (Formerly Arrow Lake-H, TDP 28W) Intel® SoC	Onboard Intel® Core™ Ultra 7/5 Processor 155H/125H (Formerly Meteor Lake, TDP 28W) Intel® SoC	Onboard Intel Atom® N250 /N150 Processor (Formerly Twin Lake, TDP 6W) Intel® SoC
Memory	2 x DDR5 6400MT/s, Dual Channel CSO-DIMM, up to 96GB	2 x DDR5 6400MT/s, Dual Channel SO-DIMM, up to 96GB	2 x DDR5 5600MT/s, Dual Channel SO-DIMM, up to 96GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB
LAN	2 x RJ45 for Intel® I226-V 2.5GbE	1 x Intel® I226-LM 2.5GbE, 2 x Intel® I226-V 2.5GbE vPro / iAMT Supported	1 x Intel® I226-LM 2.5GbE, 2 x Intel® I226-V 2.5GbE vPro / iAMT Supported	2 x RJ45 for Intel® I226-V 2.5GbE
USB	3 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 1 x USB 3.2 Gen 2x2 Type-C (20Gbps) Support DP ALT Mode 1 x USB 2.0 Internal Header for 2 x USB 2.0	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x USB 2.0 Internal Header for 2 x USB 3.2 Internal Header for 4 x USB 2.0	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x USB 2.0 Internal Header for 2 x USB 3.2 Internal Header for 4 x USB 2.0	1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode 2 x USB 2.0 Internal Header for 4 x USB 2.0
Display	1 x 24-bit Dual Channel LVDS / eDP 1 x Type-C DP1.4a 1 x DP1.4a 2 x HDMI® 2.1 TMDS Support 3 Displays	1 x 24-bit Dual Channel LVDS / eDP 4 x HDMI® 2.1 TMDS, Conditionally Supports 8K Resolution Support 4 Displays	1 x 24-bit Dual Channel LVDS / eDP 4 x HDMI® 2.1 TMDS, Conditionally Supports 8K Resolution Support 4 Displays	1 x 24-bit Dual Channel LVDS / eDP 1 x Type-C DP1.4 2 x HDMI® 2.0b Support 3 Displays
Storage	2 x SATA III	1 x SATA III RAID 0/1	1 x SATA III RAID 0/1	1 x SATA III
M.2 & Mini Card	1 x PCIe Gen 5 x16 1 x M-Key 2280 (NVMe) 1 x E-Key 2230 (CNVio) 1 x B-Key 3042/3052 Support 4G/5G Module 1 x Nano SIM Card Slot	1 x PCIe x8 (Gen 5) 1 x M-Key 2242 (NVMe), 1 x M-Key 2242/2280 (NVMe), 1 x B-Key 3042/3052 support 4G/5G Module, 1 x E-Key 2230 (CNVio) 1 x Nano SIM Card Slot	1 x PCIe Gen 5 x16 1 x M-Key 2242 (NVMe), 1 x M-Key 2242/2280 (NVMe), 1 x B-Key 3042/3052 support 4G/5G Module, 1 x E-Key 2230 (CNVio) 1 x Nano SIM Card Slot	1 x M-Key 2242/2280 (NVMe) 1 x E-Key 2230 (CNVi) 1 x B-Key 3042/3052 for 4G/5G Module 1 x Nano SIM Card Slot
COM	Internal Header for 2 x RS-232/422/485 Internal Header for 4 x RS-232	Internal Header for 4 x RS-232 Internal Header for 2 x RS-232/422/485	Internal Header for 4 x RS-232 Internal Header for 2 x RS-232/422/485	1 x DB-9 for RS-232/422/485 with 5V/12V header Internal Header for 5 x RS-232 with 5V/12V header
Power	DC-in 12~36V	DC-in 12~36V	DC-in 12~36V	DC-in 12~28V
Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Application	Edge AI / Automation/ Facial Recognition	Industrial Control/ Automation/ Facial Recognition	Industrial Control/ Automation/ Facial Recognition	Industrial Control / POS / KIOSK

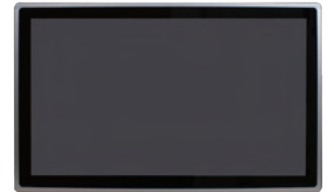


Model	MTX-ASL1	MTX-RYZ1-884500A1	JNUC-ADN1	PIC-TWL1
Form Factor	Mini-ITX	Mini-ITX	NUC	Pico-ITX
CPU/PCH	Onboard Intel Atom® x7433RE / x7211RE Processor (Formerly Amston Lake, TDP 9W / 6W) Intel® SoC	AMD Ryzen™ 8000 Series Processors (TDP 45W)	Onboard Intel® Processor N97 (Formerly Alder Lake-N, TDP 12W) Intel® SoC	Onboard Intel Atom® N150 / N250 Processor (Formerly Twin Lake, TDP 6W) Intel® SoC
Memory	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	2 x DDR5 5600MT/s, SO-DIMM, up to 96GB (ECC / non-ECC)	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB
LAN	2 x Intel® I226-V 2.5GbE 2 x Intel® I226-LM / 2.5GbE (Order by request)	2 x RJ45 for Intel® I226-V 2.5GbE	2 x RJ45 for Intel® I226-V 2.5GbE	2 x RJ45 for Realtek® RTL8111H GbE
USB	1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode 2 x USB 2.0 Internal Header for 4 x USB 2.0	4 x USB 3.2 Gen 1 Internal Header for 4 x USB 2.0 (PH2.54) Internal Header for 1 x USB 2.0 (PH2.0) Internal USB Type A (Vertical) for 1 x USB 2.0	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x USB 3.2 Gen 2 Type-C (10Gbps) Support DP ALT Mode 1 x USB 2.0 Internal Header for 2 x USB 2.0	2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) Internal Header for 4 x USB 2.0
Display	1 x 24-bit Dual Channel LVDS / eDP 1 x Type-C DP1.4 2 x HDMI® 2.0b Support 3 Displays	4 x DP2.1 1 x eDP 1.5 Co-lay DP0 1 x LVDS / DP1 Support 4 Displays	2 x Type-C DP1.4 1 x DP1.4 1 x HDMI® 2.0 Support 3 Displays	1 x 24-bit Dual Channel LVDS / eDP 1 x HDMI® 1.4b Support 2 Displays
Storage	1 x SATA III eMMC 64GB (optional)	2 x SATA III	1 x SATA III eMMC 64GB (optional)	—
M.2 & Mini Card	1 x M-Key 2242/2280 (NVMe) 1 x E-Key 2230 (CNVi) 1 x B-Key 3042/3052 for 4G/5G Module 1 x Nano SIM Card Slot	2 x M-key 2242/2280 (PCI-Ex4 Interface) 1 x E-key 2230 (PCI-Ex1 + USB2.0 Interface) Support WIFI/BT Module	1 x M-Key 2260/2280 (NVMe) 1 x E-Key 2230 (CNVio)	1 x M-Key 2280 (NVMe) 1 x E-Key 2230 for WIFI/BT Module
COM	1 x DB-9 for RS-232/422/485 with 5V/12V header Internal Header for 5 x RS-232 with 5V/12V header	2 x RS-232/422/485 Internal Header for 4 x RS-232	1 x DB-9 for RS-232/422/485	Internal Header for 2 x RS-232/422/485
Power	DC-in 12~28V	12-28V DC-in	DC-in 12~19V	DC-in 12V
Temperature	-20°C ~ 75°C (-4°F ~ 167°F)	0°C ~ 60°C (32°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Application	Industrial Control/ Automation/ Facial Recognition	Digital Signage / Kiosk	Automation / Smart Factory / POS / KIOSK	Automation/ Facial Recognition / POS / KIOSK

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Model	SMC-ARK1-358886A1	SMC-TWL3-N15089A1	F35-CRB2-358800A2	OTH-ARK3
Form Factor	82 x 50mm	82 x 50mm	146 x 102mm	120 x 72mm
CPU/PCH	Rockchip® RK3588 ARM Cortex A76+A55(Quad Core up to 2.4GHz+ 1.8GHz) Rockchip® RK806-1 PMU	Onboard Intel® Processor N-series Processors (Formerly Twin Lake) Intel® Processor N150	Carrier board	Rockchip® ARM Cortex-A55 quad-core (up to 2.0 GHz) with 1 TOPS NPU Rock Chip® RK809-5 PMU
Memory	Onboard LPDDR4x 4266MHz 8GB, up to 16GB	Onboard LPDDR5 4800MHz 8GB DRAM, up to 16GB	—	Onboard LPDDR4X 3200MT/s 4GB standard (8GB optional)
LAN	1 x Realtek RTL8211F GbE, 1 x Realtek RTL8111HS GbE, 1 x AP6398SV 2.4/5G WIFI and BT-V5.0	2 x Inter® I226-V 2.5GbE	—	1 x Realtek RTL8211F-CG GbE 1 x AW-CM358 (Wifi + BT)
USB	—	—	4 x USB2.0 2 x USB3.1 (Gen.1)	4 x USB 2.0 2 x USB 2.0 (USB1 co-layout OTG)
Display	Mali-G610 @1GHz MC4, OpenGL ES1.1/2.0/3.2, OpenCL2.2,Vulkan 1.2 6TOPS NPU	—	1 x HDMI® 2.1 1 x TYPE C 1 x eDP 1 x LVDS Support 4 Displays	1 x LVDS 1 x eDP 1 x HDMI® Support 3 Displays
Storage	eMMC 64GB	eMMC 128GB, up to 256GB	—	1 x Full Size Mini-PCle Onboard 32GB eMMC, Optional Up to 64GB
M.2 & Mini Card	—	—	1 x Micro SD 1 x M-key 2242/2280 1 x B-key 3042/3052 Support 4G/5G Module 1 x Nano SIM Card Slot 1 x MXM Socket (For SMARC Board)	1 x SIM Card Slot 1 x Micro SD
COM	—	—	Internal Header for 1 x RS-232/RS4852, Internal Header for 2 x RS-232, 1 x RS-232/485	Internal Header for 2 x RS-232
Power	—	—	DC-in 12~36V	DC-in 12V
Temperature	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
Application	Universal	Universal	Smart Factory / Industrial Automation / HMI	Digital Signage / Kiosk / HMI



Model	HPC070SC-FP6210	P101CF359700-N	P156CARK13588F-W	HPC215C-DCP1135G7
Panel	7" TFT-LCD, LED 1024 x 600 16.7M Colors (6 bit for R,G,B) 320 nits	10.1" TFT-LCD, LED 1920 x 1200 16.7M Colors 340 nits	15.6" TFT-LCD, LED 1920 x 1080 262K Colors 245 nits	21.5" TFT-LCD, LED 1920 x 1080 16.7M 250 nits
CPU/PCH	Onboard Intel® Celeron® Processor N6210 (Formerly Elkhart Lake, TDP 6.5W)	Onboard Intel® Processor N97 (Formerly Alder Lake-N, TDP 12W)	Rockchip® RK3588 ARM Cortex A76+A55 (Quad Core up to 2.4GHz + 1.8GHz)	Onboard Intel® 11th Gen Core™ i5-1135G7 (Formerly Tiger Lake-U, TDP 12~28W)
Memory	1 x DDR4 3200MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	8G LPDDR4X	2 x DDR4 3200MT/s, Dual Channel SO-DIMM, up to 64GB
LAN	2 x RJ45 for Intel® I226-V 2.5GbE	2 x RJ45 for Intel® I225-V 2.5GbE	2 x RJ45 GbE 1 x AMPAK AP6398SV Wi-Fi and BT-V5.0	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I219-LM GbE
USB	2 x USB 3.2 Gen 1	4 x USB 2.0 1 x USB 3.2 (Gen 2) Type-C 1 x USB 3.2 (Gen 2) Type-A	2 x USB 3.1 (Gen 1) 1 x TYPE C (USB 3.1 Gen 1 + DP1.4 + OTG)	2 x USB 3.2 Gen 2 4 x USB 2.0
Display	1 x HDMI® 2.0b	2 x HDMI® 2.0b	1 x HDMI® out	1 x HDMI®
Storage	1 x M-Key 2280 (NVMe) 1 x E-Key 2230	1 x E-key 2230 (CNVi) 1 x B-key 3042/3052, support 4G/5G Module 1 x M-key 2280 (NVMe)	1 x B-key 3042/3052, support 4G/5G Module 1 x M key 2242/2280 (NVMe) 1 x Micro SD Socket 1 x SIM Card Socket	1 x 2.5" SATA bay 1 x M-Key 2242/2280 (PCIe x4) 1 x E-Key 2230 for WiFi 1 x B-key 3042/3052/6570 support 4G/5G module
COM	1 x RS-232 1 x RS-232/422/485 (RJ45)	1 x RS-232/422/485 (COM1) support 5V/12V select 1 x RS-232	1 x RS-232/485 1 x RS-232	2 x RS-232/422/485 2 x RS-232 (Option 16bit GPIO)
Power	DC-in 12~24V 60W Adapter: AC90~240V, DC12V/5.0A	DC-in 12-28V 60W Adapter: AC100~240V, DC12V/5.0A	DC-in 12-36V 40W Adapter: AC100~240V, DC12V/3.3A	DC-in 12~36V 90W Adapter: AC100~240V, DC12V/7.5A
Temperature	-10°C ~ 60°C (14°F ~ 140°F)	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 60°C (32°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)



Model	B368ZTWL1	B420PADN1	B420UADN1
Form Factor	Compact, 160.2 (W) x 106.0 (D) x 27.0 (H) mm	Compact, 129.0 (W) x 109.4 (D) x 34.0 (H) mm	Compact, 129.0 (W) x 109.4 (D) x 34.0 (H) mm
CPU/PCH	Intel® Processor N150 Processor (Formerly Twin Lake)	Intel® N97 / N200 SoC Processors (Formerly Alder Lake)	Intel® N97 SoC Processors (Formerly Alder Lake-N, TDP 12W)
Memory	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MHz, Single Channel SO-DIMM, up to 32GB
LAN	3 x RJ45 for Intel® I226-V 2.5GbE	1 x RJ45 for Realtek® RTL8111H GbE	2 x RJ45 for Intel® I226-V 2.5GbE
USB	2 x USB 3.1 Gen.2 4 x USB 2.0	2 x USB 3.2 Gen 1 2 x USB 2.0	2 x USB 3.2 Gen 2 1 x USB 2.0 2 x USB 3.2 Type C support DP ALT mode
Display	3 x DP1.4 (Max Resolution: 4096 x 2160@60Hz)	1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz)	1 x HDMI® 2.0 (Max Resolution: 4096 x 2160@60Hz) 1 x DP1.4 (Max Resolution: 4096 x 2160@60Hz)
COM	1 x DB15 for RS-232 x2 + GPIO	2 x RS-232/422/485	1 x RS-232/422/485
Power	Wide Range DC Input 12~36V 40W Adapter: AC100~240V, DC12V/3.3A	DC-in 12V 40W Adapter: AC90~240V, DC12V/3.3A	DC-in 12~19V 60W Adapter: AC90~240V, DC12V/5.0A
Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Application	Industrial Control / Digital Signage	Industrial Control / Digital Signage / POS	Industrial Control / Digital Signage / POS



Model	BFTADN1	BFDADN1	B382FRPU1
Form Factor	Compact, 160.0 (W) x 109.2 (D) x 50.5 (H) mm	Compact, 193.0 (W) x 142.4 (D) x 62.0 (H) mm	Performance, 185.0 (W) x 142.0 (D) x 61.0 (H) mm
CPU/PCH	Intel® N97 SoC Processors (Formerly Alder Lake-N, TDP 12W)	Intel® N97 SoC Processors (Formerly Alder Lake-N, TDP 12W)	Intel® 13th Gen Core™ i5-1335U/1335UE (Formerly Raptor Lake-P, TDP 15W)
Memory	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	2 x DDR5 4800MT/s, Dual Channel SO-DIMM, up to 64GB
LAN	2 x RJ45 for Intel® I226-V 2.5GbE	2 x RJ45 for Intel® I226-V 2.5GbE	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE
USB	1 x USB 2.0 2 x USB 3.2 Gen 2 2 x USB 3.2 Type-C support DP ALT mode	6 x USB 2.0 1 x USB 3.2 Gen 2 Type-C support DP1.4a display output 1 x USB 3.2 Gen 2	3 x USB 3.2 Gen 2 1 x USB 3.2 Gen 1 Type C 4 x USB 2.0
Display	1 x HDMI® 2.0 (Max Resolution: 4096 x 2160@60Hz) 1 x DP1.4 (Max Resolution: 4096 x 2160@60Hz)	2 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz)	2 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 2 x DP1.4 (Max Resolution: 4096 x 2160@60Hz)
COM	1 x RS-232/422/485	1 x RS-232/422/485 3 x RS-232	2 x RS-232 2 x RS-232/422/485
Power	DC-in 12~19V 40W Adapter: AC100~240V, DC12V/3.3A	DC-in 12~28V 60W Adapter: AC100~240V, DC12V/5.0A	DC-in 12~36V 90W Adapter: AC90~240V, DC19V/4.7A
Temperature	0°C ~ 60°C (32°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Application	Industrial Control / Digital Signage / POS	Industrial Control / Machine Control / Factory Automation	Smart Factory / Smart Automation / Factory Automation



Model	B382FMTU1	B382FARU1	BFLFRPU2
Form Factor	Performance, 185.0 (W) x 142.0 (D) x 61.0 (H) mm	Performance, 185.0 (W) x 142.0 (D) x 61.0 (H) mm	Performance, 160.2 (W) x 142.0 (D) x 52.0 (H) mm
CPU/PCH	Intel® Core™ Ultra 7 155U/ Core™ Ultra 5 125U (Formerly Meteor Lake, TDP 15W)	Intel® Core™ Ultra 7 255U/ Core™ Ultra 5 225U (Formerly Arrow Lake-U, TDP 15W)	Intel® 13th Gen Core™ i5-1335UE (Formerly Raptor Lake-P, TDP 15W)
Memory	2 x DDR5 5600MT/s, Dual Channel SO-DIMM, up to 96GB	2 x DDR5 5600MT/s, Dual Channel SO-DIMM, up to 96GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB
LAN	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE	3 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE
USB	3 x USB 3.2 Gen 2 1 x USB 3.2 Gen 1 Type-C 4 x USB 2.0	3 x USB 3.2 Gen 2 1 x USB 3.2 Gen 1 Type-C 4 x USB 2.0	2 x USB 3.2 Gen 2
Display	1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 1 x DP1.4 (Max Resolution: 4096 x 2160@60Hz)	1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 1 x DP1.4 (Max Resolution: 4096 x 2160@60Hz)	1 x HDMI® 1.2 (Max Resolution: 1920 x 1080@60Hz)
COM	4 x RS-232/422/485	4 x RS-232/422/485	1 x RS-232/422/485
Power	DC-in 12~36V 90W Adapter: AC90~240V, DC19V/4.7A	DC-in 12~36V 90W Adapter: AC90~240V, DC19V/4.7A	DC-in 19V 90W Adapter: AC90~240V, DC19V/4.7A
Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
Application	Smart Factory / Smart Automation / Edge Computing	Smart Factory / Smart Automation / Edge Computing	Industrial Control / Gate Control / Digital Surveillance

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Model	BFSIARS1	BFLFASL1	HBJC150I225
Form Factor	Performance, 348.0 (W) x 250.0 (D) x 118.0 (H) mm	Compact, 160.2 (W) x 142.0 (D) x 59.5 (H) mm	Rackmount, 430.0 (W) x 252.0 (D) x 44.0 (H) mm
CPU/PCH	Intel® LGA1851 Core™ Ultra Socket Processor (Formerly Arrow Lake-S, TDP 35W)	Intel Atom® x7433RE Processor (Formerly Amston Lake, TDP 9W)	Intel® LGA1700 12/13/14th Gen Socket Processor (Formerly Alder Lake-S, TDP 65W)
Memory	2 x DDR5 6400MT/s, Dual Channel CSO-DIMM, up to 96GB	1 x DDR5 4800MT/s SO-DIMM, up to 32GB	2 x DDR5 4800MT/s SO-DIMM, up to 96GB 2 x DDR5 5600MT/s SO-DIMM, up to 64GB (Intel® 13/14th Gen CPU)
LAN	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE	2 x RJ45 for Intel® I226-V 2.5GbE	1 x Intel® i219-LM GbE 1 x Intel® I226-V 2.5GbE (Q670)
USB	8 x USB 3.2 Gen 2x1 2 x USB 2.0	6 x USB 2.0 1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode 1 x USB 3.2 Gen 2	6 x USB 3.2 Gen.2 (Q670) 2 x USB 2.0
Display	1 x DP 1.4a (Max Resolution: 8K@60Hz) 2 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz)	1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 1 x HDMI® 1.4 (Max Resolution: 4096 x 2160@30Hz)	1 x DP1.4a (Max Resolution: 4096 x 2304@60Hz) 1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
COM	1 x RS-232/422/485 5 x RS-232	1 x RS-232/422/485 5 x RS-232	1 x RS-232/422/485 1 x RS-232
Power	ATX Power Supply 1U FLEX 500W ATX PWR (4+24 pin)	DC-in 12~28V 60W Adapter: AC100~240V, DC12V/5.0A	ATX Power Supply 1U FLEX 400W ATX PWR (4+24 pin)
Temperature	0°C ~ 50°C (32°F ~ 122°F)	-40°C ~ 60°C (-40°F ~ 140°F)	0°C ~ 50°C (32°F ~ 122°F)
Application	Industrial Control / Factory Automation / AI Acceleration	Industrial Control / Factory Automation / Smart Factory	Industrial Control / Machine Control / Factory Automation



Model	B150IARS1	BFNZASL1	BFNZASL2
Form Factor	Rackmount, 430.0 (W) x 252.0 (D) x 44.0 (H) mm	Networking, 200.0 (W) x 126.0 (D) x 40.0 (H) mm	Networking, 170.0 (W) x 106.0 (D) x 40.0 (H) mm
CPU/PCH	Intel® LGA1851 Socket, Processor Arrow Lake-S (MAX. TDP 65W)	Onboard Intel Atom® x7835RE / N97 Processor (Formerly Amston Lake / Alder Lake-N, TDP 12W)	Onboard Intel Atom® x7835RE / N97 Processor (Formerly Amston Lake / Alder Lake-N, TDP 12W)
Memory	2 x DDR5 6400MT/s, Dual Channel CSO-DIMM, up to 96GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB	1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB
LAN	1 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE	4 x RJ45 for Intel® I226-V 2.5GbE 2 x GbE SFP	4 x RJ45 for Intel® I226-V 2.5GbE
USB	4 x USB3.2 (Gen 2) 2 x USB 2.0 1 x USB 3.2 Gen 2 Type-C support DP1.4a display output	1 x USB 2.0 1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)	1 x USB 2.0 1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)
Display	1 x DP1.4a (Max Resolution: 4096 x 2160@60Hz) 2 x HDMI® 2.1 TMDs (Max Resolution: 4096 x 2160@60Hz)	1 x HDMI® 2.0 (Max Resolution: 3840 x 2160@60Hz)	1 x HDMI® 1.4 (Max Resolution: 3840 x 2160@30Hz)
COM	2 x RS-232/422/485 2 x RS-232	—	—
Power	DC-in 12~36V	DC-in 12V 60W Adapter: AC100~240V, DC12V/5.0A	DC-in 12V 60W Adapter: AC100~240V, DC12V/5.0A
Temperature	0°C ~ 50°C (32°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)
Application	Industrial Control / Machine Control / Factory Automation	Network Appliance / Network Security / IoT Gateway	Network Appliance / Network Security



Model	B912I225	B930FARK1-358886-W
Form Factor	Performance, 284.0 (W) x 300.0 (D) x 133.7 (H) mm	170.0 x 110.4 x 40.0 mm
CPU/PCH	Intel® LGA1700 12/13/14th Gen Socket Processor (Formerly Alder Lake-S, TDP 35W) Intel® Q670E	Rockchip® RK3588 ARM Cortex A76+A55(Quad Core up to 2.4GHz+ 1.8GHz) Rockchip® RK806-1 PMU
Memory	2 x DDR5 5600MT/s SO-DIMM, up to 64GB (Intel® 13th/14th Gen CPU)	Onboard LPDDR4x 4266MHz 8GB (Max 16GB)
LAN	1 x RJ45 for Intel® i219-LM GbE 1 x RJ45 for Intel® I226-V 2.5GbE	2 x REALTEK® GbE LAN 1 x AP6398SV 802.11 a/b/g/n/ac 2.4/5G WIFI and BT-V5.0
USB	6 x USB 3.2 Gen 2 2 x USB 2.0	2 x USB3.1 (Gen.1) 1 x TYPE C (Max Resolution : 4096x2304@60Hz)
Display	1 x DP 1.4a (Max Resolution: 8K@60Hz) 1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 1 x VGA (Max Resolution: 1920 x 1080 @60Hz) Support 3 Displays	1 x HDMI -Out (Max Resolution : 4096x2304@60Hz) 1 x HDMI -In Support 2 Displays
COM	1 x RS-232/422/485 5 x RS-232	1 x RS-232 1 x RS-485
Power	Flex-ATX 500W	DC-in 12~36V
Temperature	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
Application	AI Inference	AI Inference / Digital Signage / Kiosk

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