

Specifications

EK-1500/EK-1600 Series

EK-2100 Series

| | EK-1510/EK-1610* | EK-1530/EK-1630 | EK-1550/EK-1650 | EK-2110* | EK-2130 | EK-2150 | |
|----------------------|--|--|---|--|---|---|--|
| Computer | Processor | Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4G Hz | Intel Bay Trail J1900, Quad Core, up to 2.42 GHz, 2M Cache | Intel 7th Generation Kaby Lake U Core i3/i5 | Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4G Hz | Intel Bay Trail J1900, Quad Core, up to 2.42 GHz, 2M Cache | Intel 7th Generation Kaby Lake U Core i3/i5 |
| | System Memory | 2 GB DDR4, upgradable to 4GB | DDR3L SO-DIMM slot x 1, max. 8 GB | DDR4 SO-DIMM slot x 1, max. 16 GB | 2 GB DDR4, upgradable to 4GB | DDR3L SO-DIMM slot x 1, max. 8 GB | DDR4 SO-DIMM slot x 1, max. 16 GB |
| | Storage Device | 16 GB eMMC + microSD slot x 1, upgradable to 32GB | M.2 SSD x 1 | | 16 GB eMMC + microSD slot x 1, upgradable to 32GB | M.2 SSD x 1 | |
| | Intel vPro Support | N/A | N/A | Core i3: N/A Core i5: Yes (for option) | N/A | N/A | Core i3: N/A Core i5: Yes (for option) |
| | TPM Support | N/A | Yes (for option) | | N/A | Yes (for option) | |
| | Power Supply | 12V/60W x 1 + 24V/60W x 1 | 12V/60W x 1 + 24V/60W x 1 | | 12V/60W x 1 + 24V/60W x 1 | 12V/60W x 1 | |
| | OS Support | Android 9.0 | Win 7/POSReady 7/ WE 8.1 Industry/Win 10 IoT | Windows 10 IoT 64 bit | Android 9.0 | Win 7/POSReady 7/ WE 8.1 Industry/Win 10 IoT | Windows 10 IoT 64 bit |
| | Serial Port | RJ50 x 2, 5V/12V support on all COM ports | 3, DB9 x 1 + RJ50 x 2, 5V/12V support on all COM ports | | RJ50 x 2, 5V/12V support on all COM ports | 3, DB9 x 1 + RJ50 x 2, 5V/12V support on all COM ports | |
| | Standard USB Port | 6, USB 3.0 x 1+ USB 2.0 x 5 | 8, USB 3.0 x 1+ USB 2.0 x 7 | 8, USB 3.0 x 2 + USB 2.0 x 6 | 6, USB 3.0 x 1+ USB 2.0 x 5 | 8, USB 3.0 x 1+ USB 2.0 x 7 | 8, USB 3.0 x 2 + USB 2.0 x 6 |
| | OTG USB | Micro-USB x 1 | N/A | | Micro-USB x 1 | N/A | |
| | Display Port | HDMI x 1 | HDMI x 1 | | HDMI x1 | HDMI x1 | |
| | LAN Port | 10/100 Mb x 1 10/100/1000 Mb x 1 | 10/100/1000 Mb x 2 | | 10/100 Mb x 1 10/100/1000 Mb x 1 | 10/100/1000 Mb x 2 | |
| | Audio | Internal 3W speaker x 2 | Internal 3W speaker x 2 | | Internal 3W speaker x 2 | Internal 3W speaker x 2 | |
| | Internal Expansion Slot | N/A | M.2 x 1 | | N/A | M.2 x 1 | |
| Display & Touch | LCD | 15" for EK-1500 Series / 15.6" for EK-1600 Series | | | 21.5" | | |
| | Resolution | 1024 x 768 for EK-1500 Series / 1920 x 1080 for EK-1600 Series | | | 1920 x 1080 | | |
| | Touch | True-flat PCAP touch with multi-touch support | | | | | |
| Physical Dimension | Dimension (W x D x H in mm) | Countertop version (Landscape): 395 x 395 x 550 Floorstanding version (Landscape): 500 x 500 x 1325 for EK-1500 Series | | Countertop version (Portrait): 395 x 395 x 774, Floorstanding version (Portrait): 500 x 500 x 1548 Countertop version (Landscape): 395 x 395 x 588, Floorstanding version (Landscape): 500 x 500 x 1362 | | | |
| | Weight (N. W. in kg) | Countertop version: 18.8 :Floorstanding version: 31 for EK-1500 Series | | Countertop version: 22.6 Floorstanding version: 34.8 | | | |
| Environmental | Operating Condition | 0° C - 50° C, 20%RH - 90%RH | 0° C -50° C, 20%RH - 90%RH (Equipped with SSD) | | 0° C - 50° C, 20%RH - 90%RH | 0° C -50° C, 20%RH - 90%RH (Equipped with SSD) | |
| | Storage Condition | -20° C - 70° C, 10%RH - 90%RH | | | -20° C - 70° C, 10%RH - 90%RH | | |
| Standard Components | Proximity Sensor | 1. Range from 45cm ~ 80cm (for dark color object) 2. Range from 45cm ~ 150cm (for light color object) | | | | | |
| | Camera | 1MP wide angle camera | | | | | |
| | Printer | 3" thermal printer w/auto cutter, 200 mm/sec (max.) | | | | | |
| Optional Components | WiFi | USB dongle | M.2 WiFi/BT module | | USB dongle | M.2 WiFi/BT module | |
| | Status Indicator | RGB Color LED Indicator (for portrait mode only) | | | | | |
| | Scanner | 2D barcode scanner | | | | | |
| | EMV Payment Device Bracket Support* | Custom bracket support for various EMV payment devices | | | | | |
| | Fingerprint Sensor | Optical type | | | | | |
| NFC/RFID Reader | Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092) | | | | | | |
| 4G/LTE Communication | Support selected bands & countries with full SIM slot (mini-PCIe module) by request | | | | | | |

*Google Play services is not supported by this device.*Designed and Manufactured in Taiwan by Posiflex Technology, Inc. *Posiflex does not sell the EMV payment devices, but can provide bracket support with an additional charge.
*The product information and specifications are subject to change without prior notice.