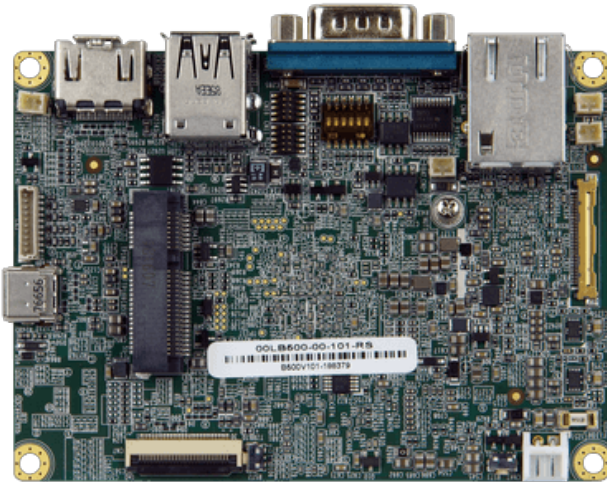


HYPER-RK39

PICO-ITX SBC with Rockchip RK3399 Processor, 2GB LPDDR3, 16GB eMMC Flash, HDMI™, eDP, GbE LAN, PCIe mini, USB 3.0, USB 2.0, COM, RoHS



Features

- » Pico-ITX SBC supports Rockchip RK3399
- » HDMI™ and eDP dual display support
- » OS: Android 7.1

Specifications

| | |
|---------------------------------|---|
| System | |
| CPU | Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz) |
| Memory | LPDDR3-1866 |
| Memory Max. | 2GB |
| Physical Characteristics | |
| Dimensions (LxWxH) (mm) | 100 X 72 |
| Net Weight | 80g |
| Storage | |
| Storage | 1 x SD/MicroSD card |
| | 1 x eMMC 16GB |
| I/O Interface | |
| Display Output | 1 x HDMI™ |
| | Display Port :eDP |
| Ethernet | 1 x LAN :GbE RJ45 by RTL8211E |
| Audio | 1 x Line in :1x10 pin |
| | 1 x Line out :1x10 pin |
| | 1 x Speaker :1x2 pin |
| I/O Interface | 1 x External RS-232/422/485 |
| | 1 x External USB 2.0 |
| | 2 x External USB 3.2 Gen1x1 |
| Expansion | 1 x PCIe mini Card Slot :Full-size (reserved for WWAN) |
| Power | |
| Power Consumption | 12V @ 1.2A |
| Power Supply | 1 x 2 pin DC 12V in wafer connector |
| Environment | |
| Operating Temperature | -10°C ~ 50°C with air flow |
| Storage Temperature | -20°C ~ 60°C |
| Humidity | 10% ~ 90%, non-condensing |
| Certifications | |
| Safety & EMC | CE/FCC compliant |

Ordering Information

| | |
|--------------------|---|
| HYPHER-RK39-R10 | PICO-ITX SBC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Android 7.1, HDMI™, eDP, GbE LAN, PCIe mini, USB3.0, USB2.0, COM, RoHS |
| HYPHER-RK39-R10-CN | PICO-ITX SBC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Android 7.1, HDMI™, eDP, GbE LAN, PCIe mini, USB3.0, USB2.0, COM, Wi-Fi CN reg, ROHS |
| HYPHER-RK39-R10-EU | PICO-ITX SBC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Android 7.1, HDMI™, eDP, GbE LAN, PCIe mini, USB3.0, USB2.0, COM, Wi-Fi EU reg, ROHS |
| HYPHER-RK39-R10-TW | PICO-ITX SBC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Android 7.1, HDMI™, eDP, GbE LAN, PCIe mini, USB3.0, USB2.0, COM, Wi-Fi TW reg, ROHS |
| HYPHER-RK39-R10-US | PICO-ITX SBC with Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Android 7.1, HDMI™, eDP, GbE LAN, PCIe mini, USB3.0, USB2.0, COM, Wi-Fi US reg, ROHS |

Packing List

| | |
|---------------------------|----------------------------------|
| 1 x Hyper-RK single board | 1 x Two pin to DC in power cable |
| 1 x Heatsink set | 1 x RTC battery |