

Code: ARCHER-C50

## ROUTER **ARCHER-C50** 2.4 GHz, 5 GHz 300 Mbps + 867 Mbps TP-LINK

With 867 Mbps wireless speeds over the crystal clear 5 GHz band and 300 Mbps over the 2.4 GHz band, ARCHER-C50 offers you the flexibility of 2 dedicated networks and ensures amazing wireless performance. Simple tasks such as sending e-mails or web browsing can be handled by the 2.4 GHz band while bandwidth intensive tasks like online gaming or HD video streaming can be processed by the 5 GHz band - all at the same time.

Main applications include Internet accesses in small and medium size businesses, SOHO, and homes. 4 external antennas provide stable omnidirectional signal and superior wireless coverage.

Supports 802.11ac standard - the next generation of Wi-Fi.



|                       |                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency range:      | 2.4 GHz, 5 GHz                                                                                                                                                                                                            |
| Antenna type:         | 4 x Omnidirectional antenna                                                                                                                                                                                               |
| Standards:            | IEEE 802.11 b/g/n @ 2.4 GHz<br>IEEE 802.11 a/n/ac @ 5 GHz                                                                                                                                                                 |
| Baud rates:           | 300 Mbps + 867 Mbps                                                                                                                                                                                                       |
| LAN ports:            | 4 x 10/100 Mbps LAN<br>1 x 10/100 Mbps Uplink                                                                                                                                                                             |
| LED indicators:       | Power, 2.4 GHz WLAN, 5 GHz WLAN, Ethernet, WAN, WPS                                                                                                                                                                       |
| Receiver sensitivity: | 2.4 GHz :<br>• 11g 54M : -76 dBm<br>• 11n HT20 MCS7 : -74 dBm<br>• 11n HT40 MCS7 : -71 dBm<br>5 GHz :<br>• 11a 54M : -77 dBm<br>• 11ac VHT20 MCS8 : -72 dBm<br>• 11ac VHT40 MCS9 : -68 dBm<br>• 11ac VHT80 MCS9 : -63 dBm |
| DDNS:                 | ✓                                                                                                                                                                                                                         |
| DHCP server:          | ✓                                                                                                                                                                                                                         |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firmware update:               | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protections:                   | WEP 64/128-bit, WPA/WPA2, WPA-PSK/WPA2-PSK<br>DoS attacks protection, SPI network firewall, domain filtering, IP and MAC filtering,<br>IP and MAC binding                                                                                                                                                                                                                                                                                                                                                                                            |
| Management interface:          | Web browser, TP-LINK Tether                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power supply:                  | 9 V DC / 0.85 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                 | <ul style="list-style-type: none"><li>• Firewall</li><li>• Internet access filtering</li><li>• Static / dynamic routing</li><li>• Built-in 4-port switch</li><li>• Wireless transmission statistics</li><li>• The WPS function allows to easy establish an encrypted connection</li><li>• QoS</li><li>• WMM (Wi-Fi Multimedia)</li><li>• Rate limit</li><li>• Access control</li><li>• Remote management</li><li>• DMZ</li><li>• parental control</li><li>• Guest Network - a separate and secure network for guests</li><li>• SSID hiding</li></ul> |
| Operation temp:                | 0 °C ... 40 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Permissible relative humidity: | 10 % ... 90 % (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight:                        | 0.30 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions:                    | 230 x 145 x 34 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer / Brand:          | TP-LINK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |