



TPBox18-AL

Rock solid small-size cost effective solution.

- Apollo Lake Processor Quad Cores
- Wide Range Power Input 12V or 13-36VDC
- Up to 4 x Gbit LAN
- Up to 3 Configurable COM Ports
- DIN rail or wall mounting kit
- Long Life Cycle

Specifications

Processor	Intel Atom® x5-E3940 Processor, Quad Core, 2M Cache, 1.6GHz (1.8GHz), 9.5W
Memory	4GB DDR4 Memory Single Channel LPDDR4 2400MHz
BIOS	Insyde SPI 128Mbit (supports UEFI boot only)
RTC Battery	CR2032 Coin Cell
Storage	64GB eMMC
Ethernet	2 x Intel® I210IT (10/100/1000Mbps)
USB	2 x USB 3.0
Video	mini Display Port
Expansion	1x MiniPCIe for WiFi or LTE connectivity (not available on TPBox18H-AL-LC)
Front Panel Interface	Power Button and Power LED
Power	12V or 13-36V DC in Mating connector included (Phoenix 1827703)
Dimensions	110mm x 65mm x 40mm - TPBox18-AL 110mm x 65mm x 65mm - TPBox18H-AL
Operating Temperature	0°C - +50°C
Operating Humidity	5 to 90% RH
OS Supported	Windows 10 IoT Enterprise 64-bit, Linux

Ordering Information

Part Number	Model
TP20030001	TPBox18-AL
TP20030002	TPBox18H-AL-UC (with 1x COM RS-232/422/485 + USB 2.0)
TP20030003	TPBox18H-AL-LC (with 1x COM RS-232/422/485 + 2 x Intel® I210IT (10/100/1000Mbps)
TP20030004	TPBox18H-AL-3DB (with 1x COM RS-232/422/485 + 2 DB9 for custom options (ex. 2x CAN ports)

