



FANLESS BOX PC

MECHANICAL & ENVIRONMENTAL

DIMENSIONS	264.2 x 80.92 x 156.2 mm
MOUNTING KIT	Wall Mount kit
CERTIFICATE INFORMATION	
CERTIFICATIONS	CE / FCC CLASS A
ANTI-VIBRATION	3 Grms/ 5 ~ 500Hz/ operation - SSD 1 Grms/ 5 ~ 500Hz/ operation - HDD
OPERATING TEMPERATURE	-20°C ~ 50°C, IEC68-2 with 0.5 m/s AirFlow
STORAGE TEMPERATURE	-40°C ~ 85°C
OPERATING HUMIDITY	40°C @ 95% Relative Humidity, Non-condensing
IP RATING	IP50

MODEL	MICROBOX-641
SYSTEM INFORMATION	
PROCESSORS	Intel® Core™ i3-8100T
	Intel® Core™ i5-8500T
	Intel® Core™ i7-8700TE
	Intel® Core™ i9-9900T
	Intel® Celeron® G4900T Pentium G5400T Xeon E-2124G
SYSTEM MEMORY	2x SO-DIMM DDR4 2666MHz Slot, Max up to 64GB
CHIPSET	Intel® C246/H310
GRAPHICS	Intel® Iris XE Graphic Engine
SOFTWARE SUPPORT	
OS INFORMATION	WINDOWS 10 64bit
	Linux Ubuntu 20.04 (Kernel 15.5 or above)
STORAGE	
STORAGE	SATA III x 2 (A2 SKU supports RAID 0/1)
	M.2 2280 M-Key for NVMe SSD x 1
EXPANSION	
EXPANSION	1x Full-size Mini PCIe
	1x Full-size Mini Card (PCIe/mSATA switch by BIOS, Default: mSATA)
	1x SIM slot
I/O	
USB PORT	4x USB 3.2 Gen 1, 4x USB2.0
	Optional 8x USB 3.2 Gen 1
COM PORT	6x DB-9 for RS-232/422/485
VIDEO	2x HDMI
AUDIO INTERFACE	1x Mic-In/Line-Out
LED INDICATORS	1x HDD LED 1x SYS LED
BUTTONS	1x Power Button, 1x Remote Power, 1x Reset Button
ETHERNET	
LAN PORT	4x RJ45
LAN CHIPSET	3x Intel® i211, 1x Intel® i219
ETHERNET INTERFACE	4x 10/100/1000 Base-TX
POWER REQUIREMENT	
DC INPUT	DC in 12/24V
DC INPUT CONNECTOR	3-Pin Terminal Block

