

# MG BOX

MG BOX is equipped with the latest Intel® Core™ and Celeron® processor and designed with an understated size with various I/O ports. It provides maximum performance and extreme durability, enabling it to be used as a POS terminal or a server. It can be applied to any retail business DID (Digital Information Display) player, KDS (Kitchen Display System) control PC Box, self-service Kiosk, parking Kiosk solution, self-service vending Kiosk solution, Mini PC type POS solution for the retail industry and even embedded industrial PC for smart factories.



# MG BOX Specifications

	MG BOX TL	MG BOX EL
<b>System</b>		
Processors	Intel® Core® i5-1135G7 (8M Cache, 2.4/4.20 GHz (Burst), 4 Cores) Intel® Core® i3-1115G4 (6M Cache, 3.0/4.10 GHz (Burst), 2 Cores)	Intel® Celeron® J6412 (1.5M Cache, 2.0 / 2.60 GHz (Burst), 4 Cores), Fanless
Chipset	Intel® Tiger Lake	Intel® Elkhart Lake
Memory	4GB Standard, DDR4 3200 MT/s, Socket 2 x SODIMM (Max. 64GB)	
Storage	1 x NVMe M.2 2242 (No capacity limit.) (4Lane) * Factory Default : NVMe M.2 2242 128GB	1 x NVMe M.2 2242 (No capacity limit.) (2Lane) * Factory Default : NVMe M.2 2242 128GB
RAID	RAID 0, 1	-
Operating Systems	Windows 10 IoT Enterprise LTSC	
Audio	HD Audio Codec	
<b>Interface</b>		
Display	2 X HDMI, USB-C (DP Alt-mode)	
USB	External 6 (3 x USB 2.0, 2 x USB 3.0, 1 x USB-C) - Layer 1 2 (1 x 12V Powered USB, 1 x 24V Powered USB) - Layer 2 Internal 6 (USB 2.0 x 6)	
PS/2	-	
Serial	External 1 (COM1 with DTR / 12V Power Output on 9 Pins, Bios Setup) - Layer 1 4 (COM2 RJ45, with DTR / 12V Power Output on 9 Pins, Bios Setup) : Can use one of RS-232 / RS-422/RS-485 by selecting it in BIOS. (Default setting: RS-232) (COM3 ~ 5, RJ45 Full Signal) - Layer 2	
CashDrawer Port	Option	
LAN	1Gigabit Ethernet, RJ-45 / 2.5Gigabit Ethernet, RJ-45	
Audio	1 x Line-out	
Power DC-IN	3 Pin DIN Jack	
Extension Slot	Mini PCIe	
<b>Power</b>		
Power Supply	Adapter 24V, 6.35A	
<b>Physical &amp; Environmental</b>		
Operating Temperature	0 °C ~ 40 °C at 10% ~ 80% Humidity	
Storage Temperature	-20 °C ~ 80 °C at 10% ~ 90% Humidity	
Dimensions (W x H x D)	TBD	
Packing Dimensions (W x H x D)	TBD	
Net Weight	TBD	
Packing Weight	TBD	
Certification	TBD	
Color	TBD	
<b>Options &amp; Peripherals</b>		
Display	Mode 1 - Primary Display (LVDS or eDP) , VGA, HDMI1 Mode 2 - HDMI 1 , HDMI 2, USB-C (DP Alt Mode)	
Storage	2 x NVMe M.2 2242 (No capacity limit.) (4 Lane) 1 x NVMe M.2 2280 (No capacity limit.) (2 Lane)	2 x NVMe M.2 2242 (No capacity limit.) (2 Lane) 1 x NVMe M.2 2280 (No capacity limit.) (2 Lane)
Speaker	2 x 1W (Stereo)	
WiFi / BT	Mini PCIe for Wireless LAN	
TPM	Support	

\*Specifications may change without prior notice.