

Element M37

Mini PC



Element MP37 Mini PC is a purpose built rugged IoT PC for commercial applications. It features a fanless design with robust housing with Intel Skylake and Kaby Lake Processor options (39565U/ i3/i5) which support both Windows and Linux applications.

The unit includes feature-rich I/O with display ports for digital signage or kiosk solutions. It offers selectable 5/12V serial ports for industrial automation or internal mini-PCIe socket for expansion to suit a range of innovative solutions.

The Element MP37 Mini PC is small form factor, purpose-built PC, ideal for when you need the processing power, features and connectivity in space-limited applications.



com1/com2 5/12V selectable



Internal mini-PCIe socket supports optional Wi-Fi/3G connectivity



Supports Windows/Linux



Feature rich I/O

Technical Specifications - Element M37

Item	Parameter	
CPU	Intel Skylake , Kaby Lake-U	Intel® Processor Celeron 3965U , i3 61 DOU, i5 7300U
Memory	DDR4	SO-DIMM x1 up to 32G
Storage	M.2 x2 (Key B/M)	up to 512GB
1/0 ports (Rear)	LED (3, green)	1x HDD Read/Write Indicator 1x Power Status Indicator
	Button	1x Power Off/On Button
	DC-IN	19VDC input
	Cash Drawer	RJ12 x 1, support 12V/24V DC cash drawer
	LAN	Gigabit Ethernet by RJ-45 x 1, support Wake on LAN
	COM	COM1: RJ50 to DB9 RS232 x1 (RI / 5V / 12V by BIOS selection) COM2: RJ50 to DB9 RS232 x1 (RI / 5V / 12V by BIOS selection) COM3: RJ50 to DB9 RS232
	USB	USB 3.0 x 4 USB 2.0 x 2
	Video	Mini Display Port x 2
OS Support	Microsoft	Windows 10 (IoT) for Industrial Devices
	Other	Linux Kernel 4.4+
Others	Expansion Slot	M.2 2230 E-key slot x1 (for Wi-Fi module, option) M.2 2242 SSD Slot x 2
	Power Supply	External adapter, 19V DC input, 65 Watt
	Colour	Black
	Material	Aluminum / SECC
	Dimensions (W x D x H)	250*125. 75*43.4mm
	Weight	1.5kg
Accessories	Cable	mDP to HDMI convertor x1 Optional: RJ50 to RS232 COM convertor cable
	Cable Fix bracket	1
	Power Cord	EU,US, AU, JP
	Adapter	19V / 65W
Environment CPU	Operating Temperature	0°C to 40°C
	Storage Temperature	20°C to 80°C, relative humidity 95% @ 40°C (non-condensing)
	Certification	CE/FCC class A