	controllers		Ref	Description															
			MAIN Product list - Industrial Shields -		Communications								IOs						
TYPE	Family		Ref	Description	Serial TTL (UART)	I2C	SPI	RS232	RS485 Half/full Duplex	Ethernet	Wi-Fi & BLE	GPRS & GSM	Digital Input	Analog Input	Interrupt Input	Digital Output	Analog Output	Relay Output	In/Out 5Vdc
CONTROLLERS	20 IOs PLC		IS.AB20AN.HF	PLC Arduino ARDBOX 20 I/Os Analog HF Modbus (RS485 configured by default)	-	x1 (note1)	x1	x1 (note2)	x1 (note3)	-	-	-	x10	x6 (note4)	x2 (note5)	x10	x7 (note6)	-	3 (note7)
			IS.AB20REL.HF	PLC Arduino ARDBOX 20 I/Os Relay HF Modbus (RS485 configured by default)	-	x1 (note8)	x1	x1 (note9)	x1 (note10)	-	-	-	x10	x6 (note4)	x2 (note5)			x8	3 (note7)
			Note 1:1 In. & 1 Dig. Out are lost ;Note 2: 2 In & 2 Relays are lost;Note 3: 2 In. & 2 Dig. Out & 2 An. Out. are lost Note 4: From the (Xx) Digital, (Yx) can be configured as Analog (Xx = Total Digital In, Yx= Number of Analog In) ;Note 5: From the (Xx) Digital, (Zx) can be configured as Interrupt (Xx = Total Digital In, Zx= Number of Interrupt pins) ;Note 6: If using RS-232 or RS-485 (x2) Analog Out. are lost ;Note 7: If using pin 2 and pin 3, (x2) In. are lost ;Note 8: 1 In. & 1 Relay are lost ;Note 9: 2 In. & 2 Relay are lost ;Note 10: 2 In. & 2 Relay are lost Note 11: USB Only meant for uploading or debugging, not always connected as a serial in a project! Note 12: 2 Inputs are lost ;Note 13: If using Serial 1, GPRS/GSM is not available ;Note 14: If using GPRS/GSM, Serial 1 is not available. ;Note 15: Pin 2 is used as GPRS/GSM Module Reset, DON'T USE! ;Note 16: If using Serial 1, WiFi & BLE are not available ;Note 17: If using WiFi & BLE, Serial 1 is not available. Note 18: Flat ribbon cable with 40-pin IDC connector is required to connect to Raspberry Pi Internal (Not included)														
			MAIN Product list - Industrial Shields -		Communications								IOs						
	Family		Ref	Description	Serial TTL (UART)	I2C	SPI	RS232	RS485 Half/full Duplex	Ethernet	Wi-Fi & BLE	GPRS & GSM	Digital Input	Analog Input	Interrupt Input	Digital Output	Analog Output	Relay Output	In/Out 5Vdc
	Ethernet PLC		IS.MDuino.21+	M-DUINO PLC Arduino Ethernet 21 I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x13	x6 (Note 4)	x2 (Note 5)	x8	x3	-	x6 (Note 7)
			IS.MDuino.42+	M-DUINO PLC Arduino Ethernet 42 I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x26	x12 (Note 4)	x4 (Note 5)	x16	x6	-	x6 (Note 7)
			IS.MDuino.58+	M-DUINO PLC Arduino Ethernet 58 I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x36	x16 (Note 4)	x6 (Note 5)	x22	x8	-	x6 (Note 7)
			IS.MDuino.19R+	M-DUINO PLC Arduino Ethernet 19R I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x6	x4 (Note 4)	x2 (Note 5)	x3	x3	x8	x6 (Note 7)
			IS.MDuino.38R+	M-DUINO PLC Arduino Ethernet 38R I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x12	x8 (Note 4)	x4 (Note 5)	x6	x6	x16	x6 (Note 7)
			IS.MDuino.57R+	M-DUINO PLC Arduino Ethernet 57R I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x18	x12 (Note 4)	x6 (Note 5)	x8	x8	x23	x6 (Note 7)
			IS.MDuino.38AR+	M-DUINO PLC Arduino Ethernet 38AR I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x19	x10 (Note 4)	x4 (Note 5)	x11	x6	x8	x6 (Note 7)
			IS.MDuino.53ARR+	M-DUINO PLC Arduino Ethernet 53ARR I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x25	x14 (Note 4)	x6 (Note 5)	x13	x8	x15	x6 (Note 7)
			IS.MDuino.57AAR+	M-DUINO PLC Arduino Ethernet 57AAR I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x32	x16 (Note 4)	x6 (Note 5)	x18	x8	x7	x6 (Note 7)
			IS.MDuino.54ARA+	M-DUINO PLC Arduino Ethernet 54ARA I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x29	x14 (Note 4)	x6 (Note 5)	x17	x8	x8	x6 (Note 7)
			IS.MDuino.50RRA+	M-DUINO PLC Arduino Ethernet 50RRA I/Os Analog/Digital PLUS	x2 (note 11)	x1 (note 12)	x1	x1	x1	x1	-	-	x22	x12 (Note 4)	x6 (Note 5)	x20	x8	x16	x6 (Note 7)
			Note 1:1 In. & 1 Dig. Out are lost ;Note 2: 2 In & 2 Relays are lost;Note 3: 2 In. & 2 Dig. Out & 2 An. Out. are lost Note 4: From the (Xx) Digital, (Yx) can be configured as Analog (Xx = Total Digital In, Yx= Number of Analog In) ;Note 5: From the (Xx) Digital, (Zx) can be configured as Interrupt (Xx = Total Digital In, Zx= Number of Interrupt pins) ;Note 6: If using RS-232 or RS-485 (x2) Analog Out. are lost ;Note 7: If using pin 2 and pin 3, (x2) In. are lost ;Note 8: 1 In. & 1 Relay are lost ;Note 9: 2 In. & 2 Relay are lost ;Note 10: 2 In. & 2 Relay are lost Note 11: USB Only meant for uploading or debugging, not always connected as a serial in a project! Note 12: 2 Inputs are lost ;Note 13: If using Serial 1, GPRS/GSM is not available ;Note 14: If using GPRS/GSM, Serial 1 is not available. ;Note 15: Pin 2 is used as GPRS/GSM Module Reset, DON'T USE! ;Note 16: If using Serial 1, WiFi & BLE are not available ;Note 17: If using WiFi & BLE, Serial 1 is not available. Note 18: Flat ribbon cable with 40-pin IDC connector is required to connect to Raspberry Pi Internal (Not included)														
			MAIN Product list - Industrial Shields -		Communications								IOs						
	Family		Ref	Description	Serial TTL (UART)	I2C	SPI	RS232	RS485 Half/full Duplex	Ethernet	Wi-Fi & BLE	GPRS & GSM	Digital Input	Analog Input	Interrupt Input	Digital Output	Analog Output	Relay Output	In/Out 5Vdc
	GPRS PLC		006001000200	MDUINO PLC ARDUINO ETHERNET & GPRS 21 I/Os ANALOG/DIGITAL PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x13	x6 (Note 4)	x2 (Note 5)	x8	x3	-	x5 (Note 15)
			006001000400	MDUINO PLC ARDUINO ETHERNET& GPRS 42 I/Os ANALOG/DIGITAL PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x26	x12 (Note 4)	x4 (Note 5)	x16	x6	-	x5 (Note 15)
			006001000600	MDUINO PLC ARDUINO ETHERNET & GPRS 58 I/Os ANALOG/DIGITAL PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x36	x16 (Note 4)	x6 (Note 5)	x22	x8	-	x5 (Note 15)
			006001000100	MDUINO PLC ARDUINO ETHERNET & GPRS 19R I/Os RELAY/ANALOG/DIGITAL PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x6	x4 (Note 4)	x2 (Note 5)	x3	x3	x8	x5 (Note 15)
			006001000300	MDUINO PLC ARDUINO ETHERNET & GPRS 38R I/Os RELAY/ANALOG/DIGITAL PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x12	x8 (Note 4)	x4 (Note 5)	x6	x6	x16	x5 (Note 15)
			006001000500	MDUINO PLC ARDUINO ETHERNET & GPRS 57R I/Os RELAY/ANALOG/DIGITAL PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x18	x12 (Note 4)	x6 (Note 5)	x8	x8	x23	x5 (Note 15)
			006001000700	MDUINO PLC ARDUINO ETHERNET & GPRS 38AR I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x19	x10 (Note 4)	x4 (Note 5)	x11	x6	x8	x5 (Note 15)
			006001000800	MDUINO PLC ARDUINO ETHERNET & GPRS 57AAR I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x25	x14 (Note 4)	x6 (Note 5)	x13	x8	x15	x5 (Note 15)
			006001000900	MDUINO PLC ARDUINO ETHERNET & GPRS 50RRA I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x32	x16 (Note 4)	x6 (Note 5)	x18	x8	x7	x5 (Note 15)
			006001001000	MDUINO PLC ARDUINO ETHERNET & GPRS 53ARR I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x29	x14 (Note 4)	x6 (Note 5)	x17	x8	x8	x5 (Note 15)
			006001001100	MDUINO PLC ARDUINO ETHERNET & GPRS 54ARA I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 13)	x1 (note 12)	x1	x1	x1	x1	-	x1 (Note 14)	x22	x12 (Note 4)	x6 (Note 5)	x20	x8	x16	x5 (Note 15)
			006001001200	PLC ARDUINO ARDBOX 20 I/Os ANALOG HF MODBUS & GPRS	-	x1 (note1)	-	x1 (note2)	x1 (note3)	-	-	x1 (Note 14)	x10	x6 (note4)	x2 (note5)	x10	x8 (note6)	-	2 (note15)
			006001001300	PLC ARDUINO ARDBOX 20 I/Os RELAY HF MODBUS & GPRS	-	x1 (note8)	--	x1 (note9)	x1 (note10)	-	-	x1 (Note 14)	x10	x6 (note4)	x2 (note5)			x8	2 (note 15)

Note 1:1 In. & 1 Dig. Out are lost ;Note 2: 2 In & 2 Relays are lost;Note 3: 2 In. & 2 Dig. Out & 2 An. Out. are lost Note 4: From the (Xx) Digital, (Yx) can be configured as Analog (Xx = Total Digital In, Yx= Number of Analog In) ;Note 5: From the (Xx) Digital, (Zx) can be configured as Interrupt (Xx = Total Digital In, Zx= Number of Interrupt pins) ;Note 6: If using RS-232 or RS-485 (x2) Analog Out. are lost ;Note 7: If using pin 2 and pin 3, (x2) In. are lost ;Note 8: 1 In. & 1 Relay are lost ;Note 9: 2 In. & 2 Relay are lost ;Note 10: 2 In. & 2 Relay are lost Note 11: USB Only meant for uploading or debugging, not always connected as a serial in a project! Note 12: 2 Inputs are lost ;Note 13: If using Serial 1, GPRS/GSM is not available ;Note 14: If using GPRS/GSM, Serial 1 is not available. ;Note 15: Pin 2 is used as GPRS/GSM Module Reset, DON'T USE! ;Note 16: If using Serial 1, WiFi & BLE are not available ;Note 17: If using WiFi & BLE, Serial 1 is not available. Note 18: Flat ribbon cable with 40-pin IDC connector is required to connect to Raspberry Pi Internal (Not included)

		MAIN Product list - Industrial Shields -		Communications							IOs						
Family		**Ref**	**Description**	**Serial TTL (UART)**	**I2C**	**SPI**	**RS232**	**RS485 Half/full Duplex**	**Ethernet**	**Wi-Fi & BLE**	**GPRS & GSM**	**Digital Input**	**Analog Input**	**Interrupt Input**	**Digital Output**	**Analog Output**	**Relay Output**	**In/Out 5Vdc**
Wifi - Bluetooth LE PLC		007001000200	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 21 I/Os ANALOG/DIGITAL PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x13	x6 (Note 4)	x2 (Note 5)	x8	x3	-	x6 (Note 7)
		007001000400	MDUINO PLC ARDUINO ETHERNET& WiFi & BLUETOOTH LE 42 I/Os ANALOG/DIGITAL PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x26	x12 (Note 4)	x4 (Note 5)	x16	x6	-	x6 (Note 7)
		007001000600	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 58 I/Os ANALOG/DIGITAL PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x36	x16 (Note 4)	x6 (Note 5)	x22	x8	-	x6 (Note 7)
		007001000100	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 19R I/Os RELAY/ANALOG/DIGITAL PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x6	x4 (Note 4)	x2 (Note 5)	x3	x3	x8	x6 (Note 7)
		007001000300	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 38R I/Os RELAY/ANALOG/DIGITAL PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x12	x8 (Note 4)	x4 (Note 5)	x6	x6	x16	x6 (Note 7)
		007001000500	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 57R I/Os RELAY/ANALOG/DIGITAL PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x18	x12 (Note 4)	x6 (Note 5)	x8	x8	x23	x6 (Note 7)
		007001000700	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 38AR I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x19	x10 (Note 4)	x4 (Note 5)	x11	x6	x8	x6 (Note 7)
		007001000800	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 57AAR I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x25	x14 (Note 4)	x6 (Note 5)	x13	x8	x15	x6 (Note 7)
		007001000900	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 50RRA I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x32	x16 (Note 4)	x6 (Note 5)	x18	x8	x7	x6 (Note 7)
		007001001000	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 53ARR I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x29	x14 (Note 4)	x6 (Note 5)	x17	x8	x8	x6 (Note 7)
		007001001100	MDUINO PLC ARDUINO ETHERNET & WiFi & BLUETOOTH LE 54ARA I/Os ANALOG/DIGITAL/RELAY PLUS	x2 (note 16)	x1 (note 12)	x1	x1	x1	x1	x1 (Note 17)	-	x22	x12 (Note 4)	x6 (Note 5)	x20	x8	x16	x6 (Note 7)
		007001001200	PLC ARDUINO ARDBOX 20 I/Os ANALOG HF MODBUS & WiFi & BLUETOOTH LE	-	x1 (note1)	-	x1 (note2)	x1 (note3)	-	x1 (Note 17)	-	x10	x6 (note4)	x2 (note5)	x10	x8 (note6)	-	3 (note 7)
		007001001300	PLC ARDUINO ARDBOX 20 I/Os RELAY HF MODBUS & WiFi & BLUETOOTH LE	-	x1 (note8)	-	x1 (note9)	x1 (note10)	-	x1 (Note 17)	-	x10	x6 (note4)	x2 (note5)			x8	3 (note 7)

Note 1:1 In. & 1 Dig. Out are lost ;Note 2: 2 In & 2 Relays are lost;Note 3: 2 In. & 2 Dig. Out & 2 An. Out. are lost Note 4: From the (Xx) Digital, (Yx) can be configured as Analog (Xx = Total Digital In, Yx= Number of Analog In) ;Note 5: From the (Xx) Digital, (Zx) can be configured as Interrupt (Xx = Total Digital In, Zx= Number of Interrupt pins) ;Note 6: If using RS-232 or RS-485 (x2) Analog Out. are lost ;Note 7: If using pin 2 and pin 3, (x2) In. are lost ;Note 8: 1 In. & 1 Relay are lost ;Note 9: 2 In. & 2 Relay are lost ;Note 10: 2 In. & 2 Relay are lost Note 11: USB Only meant for uploading or debugging, not always connected as a serial in a project! Note 12: 2 Inputs are lost ;Note 13: If using Serial 1, GPRS/GSM is not available ;Note 14: If using GPRS/GSM, Serial 1 is not available. ;Note 15: Pin 2 is used as GPRS/GSM Module Reset, DON'T USE! ;Note 16: If using Serial 1, WiFi & BLE are not available ;Note 17: If using WiFi & BLE, Serial 1 is not available. Note 18: Flat ribbon cable with 40-pin IDC connector is required to connect to Raspberry Pi Internal (Not included)

			MAIN Product list - Industrial Shields -		Communications							IOs	
Family	**CPU**		**Ref**	**Description**	**Serial TTL (UART)**	**I2C**	**SPI**	**RS232**	**RS485 Half/full Duplex**	**Ethernet**	**Wi-Fi & BLE**	**GPRS & GSM**	**Digital Input**	**Digital Output**
Panel PC	NO CPU		IS.TBENCL.10.1AL	Panel PC 10.1" Industrial EMC Aluminum - No CPU included	x1 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
	Raspberry PI		003000300100	TouchBerry PI 7" - 10 Configurable I/Os - RS485 - RS232 - UPS Included	x1	x1	x1	x1*	x1*	x1	x1		x10 GPIO	
			IS.TBENCL.10.1AL_RPIB3_X	Touchberry PI 10.1 B3+ (Panel PC Industrial EMC Aluminum - Raspberry PI B3 Included)	x1 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			IS.TBENCL.10.1AL_RPIB3_16SD	Touchberry PI 10.1 B3+ (Panel PC Industrial EMC Aluminum - Raspberry PI B3 Included + 16Gb µSD Card without OS)	x1 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			IS.TBENCL.10.1AL_RPIB3_16LSD	Touchberry PI 10.1 B3+ (Panel PC Industrial EMC Aluminum - Raspberry PI B3 Included + µSD Card with Raspbian)	x1 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003000100100	Touchberry PI 10.1 B3+ UPS (Panel PC Industrial EMC Aluminum - Raspberry PI B3 Included + µSD Card with Raspbian - UPS included)	x1 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003000200100	Touchberry PI 10.1 B3+ UPS & RTC & RS485 (Panel PC Industrial EMC Aluminum - Raspberry PI B3 Included + µSD Card with Raspbian - UPS,RTC,RS485 functions included)	x1 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003001400100	TinkerTouch 7" - 10 Configurable I/Os - RS485 - RS232 - UPS Included - Linux installed into eMMC	x1	x1	x1	x1*	x1*	x1	x1		x10 GPIO	
			003001400200	TinkerTouch 7" - 10 Configurable I/Os - RS485 - RS232 - UPS Included - Android Installed into eMMC	x1	x1	x1	x1*	x1*	x1	x1		x10 GPIO	
	ASUS		003001100100	TinkerTouch S 10.1 (Panel PC Industrial, Aluminum enclosure, EMC compliance - ASUS Quad-Core, 2GB, 16Gb eMMC+MicroSD slot - LINUX)	x3 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003001200100	TinkerTouch S 10.1 UPS (Panel PC Industrial, Aluminum enclosure, EMC compliance - ASUS Quad-Core, 2GB, 16Gb eMMC+MicroSD slot - UPS function included - LINUX)	x3 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003001300100	TinkerTouch S 10.1 UPS & RTC & RS485 (Panel PC Industrial, Aluminum enclosure, EMC compliance - ASUS Quad-Core, 2GB, 16Gb eMMC+MicroSD slot - UPS,RTC,RS485 functions included - LINUX)	x3 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003001100200	TinkerTouch S 10.1 (Panel PC Industrial, Aluminum enclosure, EMC compliance - ASUS Quad-Core, 2GB, 16Gb eMMC+MicroSD slot - ANDROID)	x3 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003001200200	TinkerTouch S 10.1 UPS (Panel PC Industrial, Aluminum enclosure, EMC compliance - ASUS Quad-Core, 2GB, 16Gb eMMC+MicroSD slot - UPS function included - ANDROID)	x3 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			003001300200	TinkerTouch S 10.1 UPS & RTC & RS485 (Panel PC Industrial, Aluminum enclosure, EMC compliance - ASUS Quad-Core, 2GB, 16Gb eMMC+MicroSD slot - UPS,RTC,RS485 functions included - ANDROID)	x3 (N 18)	x1 (N 18)	x1 (N 18)	-	x1	x1	x1	-	x26 GPIO (N 18)	
			Note(N) 18: Flat ribbon cable with 40-pin IDC connector is required to connect to the CPU Inside (Not included), Note19: See technical user guide. Some IOs are used for UPS, RTC & RS485 functionalities if required).											