

PICO New Product Comparable Table -1

Top side



Rear IO



Model	PICO-APL1	PICO-APL2	PICO-APL3	PICO-APL4	PICO-KBU1
SoC	M4200,N3350, E39xx (Q4)	M4200,N3350, E39xx(Q4)	E4200, N3350. E39xx(Q4)	E4200,N3350. E39xx(Q4)	i7-7500U, i5-7300U,i3-7100U, Celeron 3965U
RAM	DDR3L up to 8GB	DDR3L up to 8GB	DDR3L up to 4GB (onboard memory)	DDR3L up to 4GB (onboard memory)	DDR4 up to 16GB
Display	HDMI & LVDS 2Ch , DDI (BIO)	HDMI & eDP , DDI(BIO)	HDMI & eDP, DDI(BIO)	mDP& eDP, DDI(BIO)	HDMI & eDP, DDI (BIO)
Ethernet	Intel I211AT	Realtek RTL 8111E	Realtek 8111G x1	Realtek 8111G x2	Ethernet Intel I211AT
USB	2x USB3.0, 1x USB2.0	2x USB3.0, 2x USB2.0	2x USB3.0, 2x USB2.0	2x USB3.0, 2x USB2.0	2x USB3.0, 2x USB2.0

PICO New Product Comparable Table -2

Solder
side



Model	PICO-APL1	PICO-APL2	PICO-APL3	PICO-APL4	PICO-KBU1
Storage	mSATA/MiniCard STATA III	eMMC 16~64GB STATA III	eMMC 16~64GB M.2 2280 (B-Key) STATA III	eMMC 16~64GB M.2 2280 (B-Key) STATA III	M.2 2242 (B-Key) STATA III
COM	RS-232, RS-232/422/485	RS-232, Tx/Rx (HAT)	2 x RS-232	RS-232, RS-232/422/485	RS-232, RS-232/422/485
Expansion Slot	MiniCard (half size) BIO (optional) Smbus/I2C	MIPI CSI [x2] x1 MiniCard/mSATA BIO (optional) HAT(optional)	M.2 2230(E Key) MIPI CSI [x4] x1 MIPI CSI [x2] x1 BIO (optional) Smbus/I2C	M.2 2230(E Key) MIPI CSI [x4] x1 BIO (optional) Smbus/I2C	BIO Bank1 (optional) BIO Bank2 (optional) Smbus/I2C
Power	12Vdc	12Vdc	12Vdc	12Vdc	12Vdc
Working sample	June MP	July DVT sample, MP: Sept.	June DVT Sample MP: Oct.	July EVT sample. MP: Oct.	June EVT Sample MP: Sept.
Remark	BIO :(PCIe[x1] x2, USB 3.0/2.0, PWRG, Line-out. SMBus)	HAT(I2C x2, Smbus x1, SDIO, SPI2, I2S, 28bit DIO, [Tx,Rx])	TPM (optional) 2W Amp. (Mono)		BIO Bank 2 (PCIe[x4], USB 3.0 x1, USB 2.0 x2, GPIO x2)