



# COM-1818

## Type 6 COM Express/Intel Skylake-U series CPU

- Onboard Intel® Celeron 3955U, Intel Core I3-6100U, I5-6300U, I7-6600U
- Support dual DDR4 1866/2133MHz SO-DIMM memory slot, up to 32GB
- Support VGA/HDMI/DVI/DP/LVDS
- Support PCIe x4/PCIe x1/LPC/SMBus/I2C/SPI
- Support 4\*USB 3.0/8\*USB 2.0
- Type 6 Compact 95\*95 mm

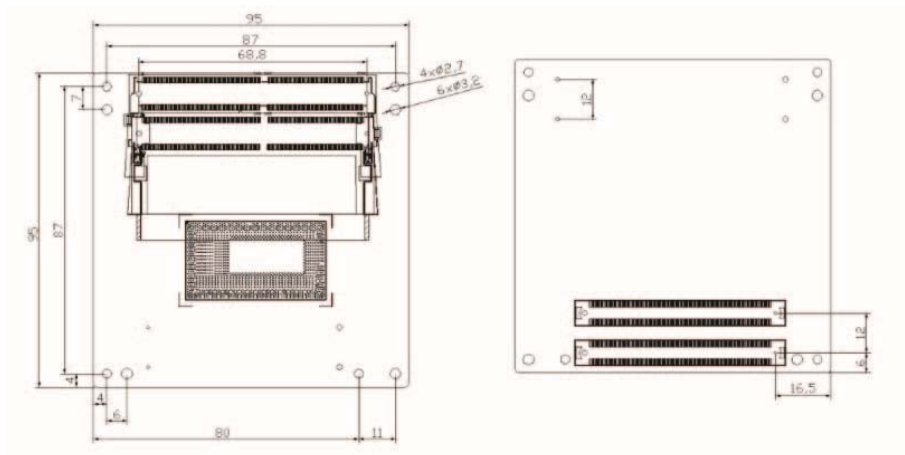


### Specifications

<b>CPU</b>	Onboard Intel Celeron 3955U 2.0Ghz, Intel Core I3-6100U 2.3Ghz, I5-6300U 2.4Ghz, I7-6600U 2.6Ghz
<b>Chipset</b>	Skylake-U
<b>Memory</b>	Support dual channel DDR4 1866/2133MHz SO-DIMM, up to 32GB (Non-ECC)
<b>Display</b>	Support VGA/dual channel 24bit LVDS/HDMI/DVI/DP , support up to 3 independent display
<b>Audio</b>	HDA standard
<b>LAN</b>	1*10/100/1000Mbps (Intel I219V), support wake-on-line
<b>Storage</b>	2*SATA 3.0,
<b>I/O</b>	8*USB 2.0, 4*USB 3.0 2* COM 1*8bit GPIO
<b>Expansion</b>	2 * PCIE x4 or 1 * PCIE x4 + 1 * PCIE x4 SPI, I2C, SMBUS, LPC
<b>Working environment</b>	0~60℃ (-40~85℃ optional); 5~95% (non-condensing)
<b>Storage environment</b>	-40~85℃; 5~95% (non-condensing)
<b>Watchdog</b>	1-255 sec/min timer system rest or interrupt, setup by software
<b>Power</b>	8.5V-20V wide voltage power supply
<b>Dimension (W*D*H)</b>	95*95*15.2 mm



Dimension



Unit: mm

Ordering Information

Part Number	Model Number	Description
0030-021801	COM-1818CLNAR-3955U	COM Express type 6/Onboard Intel <b>Celeron 3955U</b> 2.0GHz/2 * DDR4/1 *VGA/1 *LVDS/1 *HDMI/1 * DVI/1 *DP/1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion
0030-021811	COM-1818CLNAR-I36100U	COM Express type 6/Onboard Intel <b>Core i3-6100U</b> 2.3GHz/2 * DDR4/1 *VGA/1 *LVDS/1 *HDMI/1 * DVI/1 *DP/1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion
0030-022061	COM-1818CNAR-I36100U	COM Express type 6/Onboard Intel <b>Core i3-6100U</b> 2.6GHz/2 * DDR4/ <b>Defined display port as per your requirements</b> /1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion
0030-021821	COM-1818CLNAR-I56300U	COM Express type 6/Onboard Intel <b>Core i5-6300U</b> 2.4GHz/2 * DDR4/1 *VGA/1 *LVDS/1 *HDMI/1 * DVI/1 *DP/1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion
0030-022051	COM-1818CNAR-I56300U	COM Express type 6/Onboard Intel <b>Core i5-6300U</b> 2.6GHz/2 * DDR4/ <b>Defined display port as per your requirements</b> /1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion
0030-021781	COM-1818CLNAR-I76600U	COM Express type 6/Onboard Intel <b>Core i7-6600U</b> 2.6GHz/2 * DDR4/1 *VGA/1 *LVDS/1 *HDMI/1 * DVI/1 *DP/1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion
0030-021791	COM-1818CNAR-I76600U	COM Express type 6/Onboard Intel <b>Core i7-6600U</b> 2.6GHz/2 * DDR4/ <b>Defined display port as per your requirements</b> /1 *GbE/8 * USB2.0/4 * USB3.0/2 *SATA3.0/1 * 8bit GPIO/I2C, LPC, SPI, SMBus /2 * PCIE x4 or 1 * PCIE x4 + 1PCIE x4 expansion