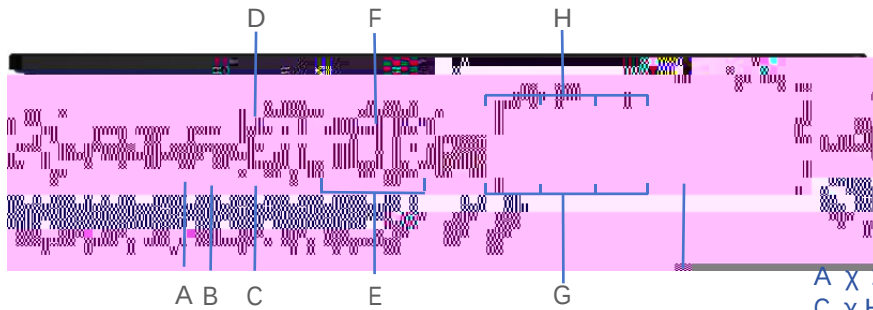
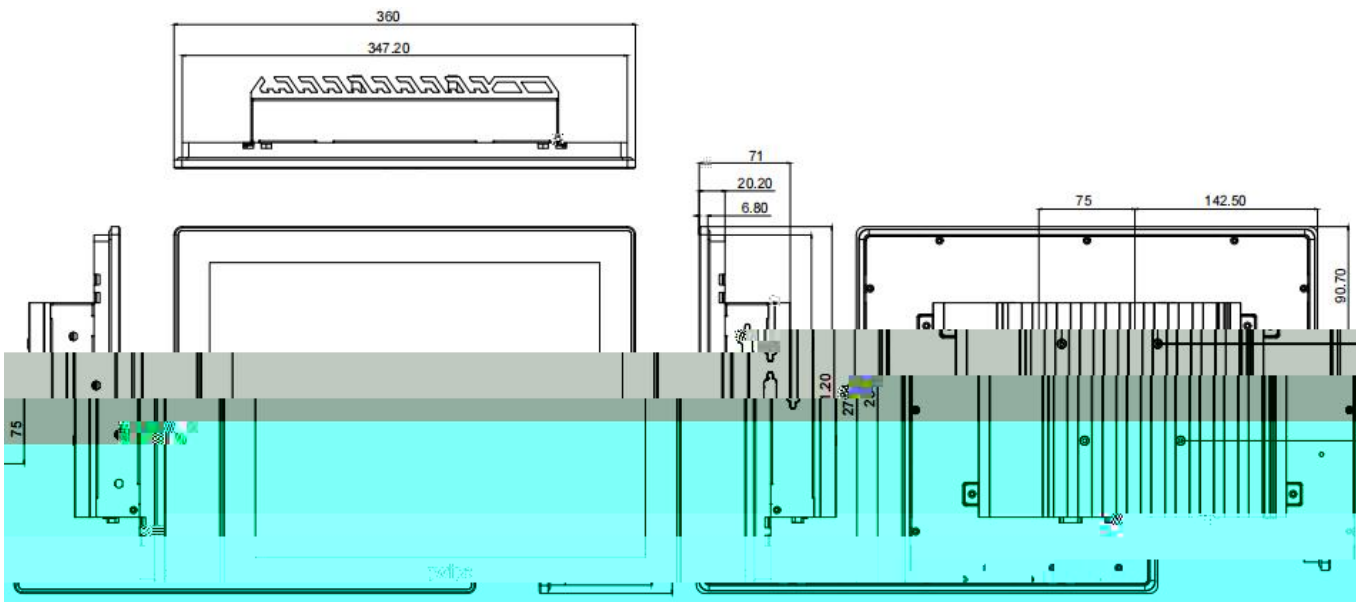


Figure 1



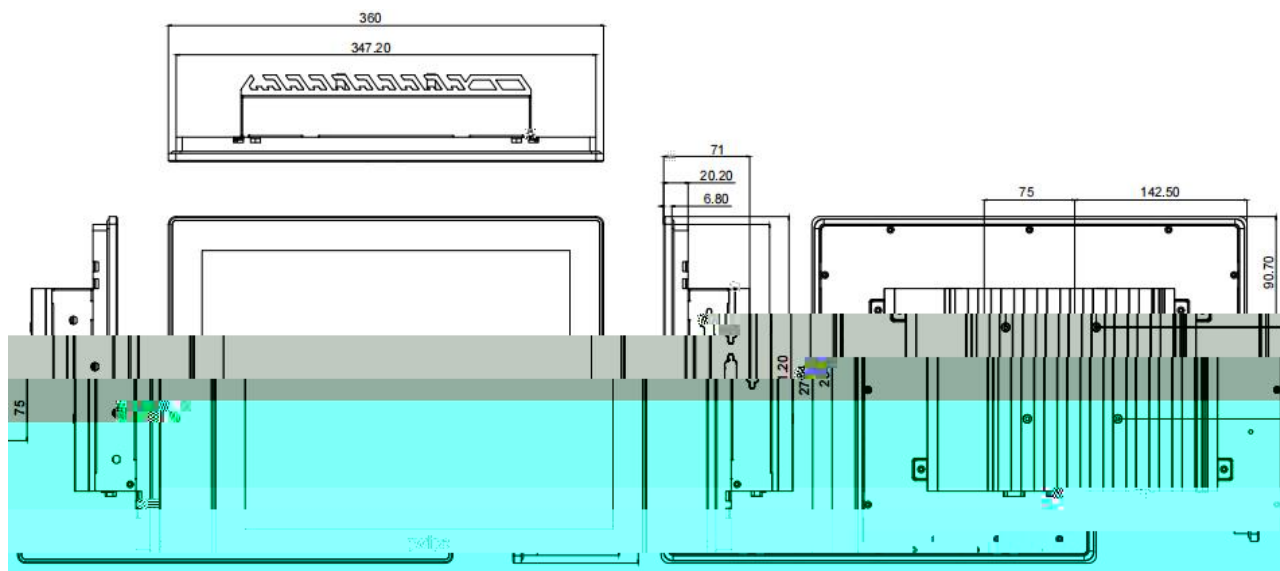
- | | | | |
|---|-------------------------|---|-----------|
| A | 2x COM, 1 RS232/422/485 | B | 1x DP |
| C | 1x HDMI | D | 1x DP |
| E | 2x COM, 1 RS232/422/485 | F | 4x USB3.0 |
| F | 1x ATX/ATX | G | 4x USB3.0 |
| H | 4x RJ45 | I | 1x DC IN |

Figure 2



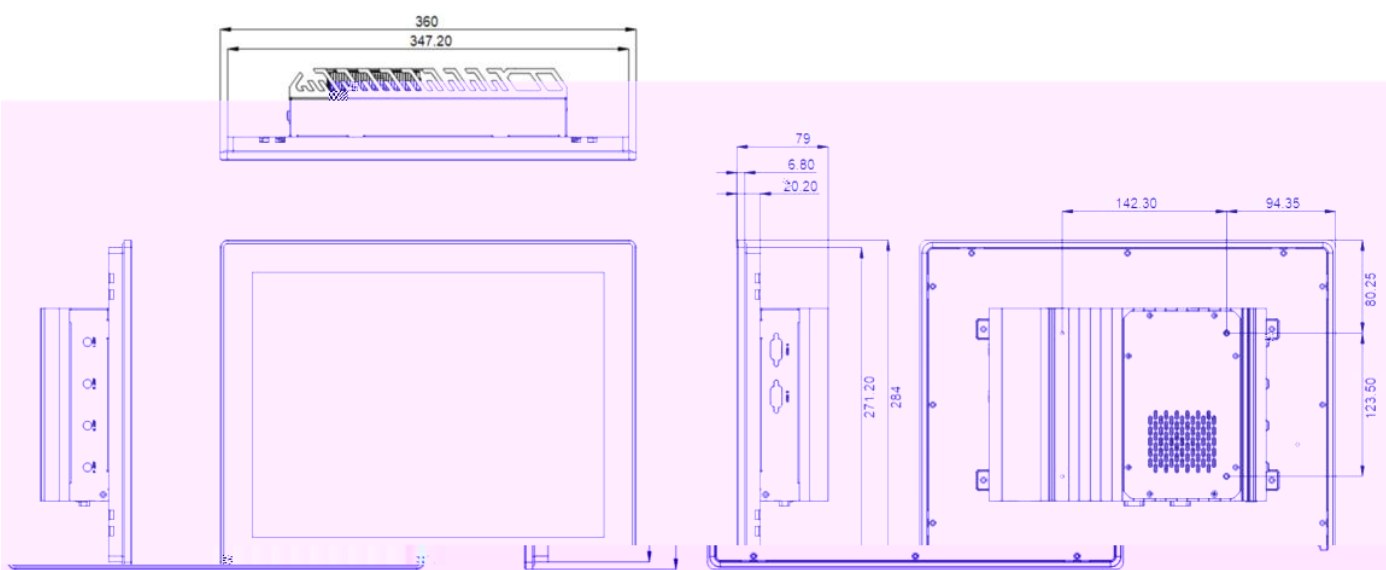
CUT OUT Dimensions: 348^{+1.5}₋₀ X 272^{+1.5}₊₀ MM

Intel® Elkhart Lake /
Alder Lake/ Raptor Lake –U/H/Z390



CUT OUT Dimensions: 348^{+1.5}₋₀ X 272^{+1.5}₊₀ MM

Intel® Elkhart Lake /
Alder Lake/ Raptor Lake –U/H/Z390

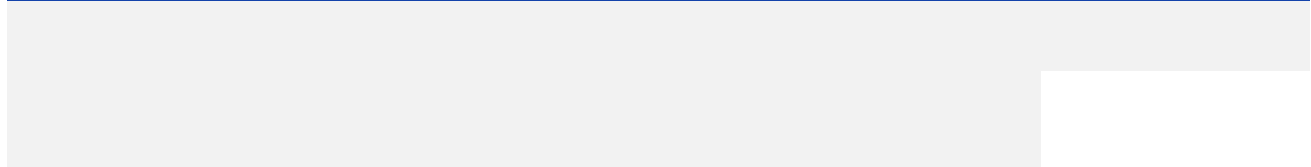


CUT OUT Dimensions: 348^{+1.5}₋₀ X 272^{+1.5}₊₀ MM



			ʔH'Y X Intel Alder Lake-U 3-1215 /15-1235 /17-1255 .15 Intel Alder Lake-H 5-12450 / 7-12650 .25 Intel Raptor Lake-U 3-1315 /15-1335 /17-1355 .15 Intel Raptor Lake-H 5-13420 / 7-13620 .25	390ʔ QʔH'Y 6/8/9Г 7/ 5/ 3 1151 . .65
		2.0 .10 6412 4/	1 - 4-3200, ʔʔH'Y16	1 - 5-5200 ʔʔ 3200, ʔʔH'Y16 4-
		1 .2 2242/2280 B 1 7+15 3.0B i Æ ε i ζ	1 .2 2242/2280 ɔ i Æ5 Z 1 7+15 3.0B i Æ ε i ζ	
		1 210 ,1 226-	3 226- i1 210 J Æ ε 4A J Æ i ǰ—ζ	
		2 i 232/422/485 i2 4 3.0 1 Y ÄH 1 ɔ ÄH	232 ε i ζ	
		1 1.4	1 1.4 i1 1.2	
		1 .2 2230 ġRs i i ö ĩ ĩ 4 /5 Wq	6 ĩ i Wq ψ1 .2 3052/3042 ġRs i i ö	
		4:3		
		1024 768		
		350 / 2		
		1000:1		
		50000 nH		
		89(i), 89(L), 89(i), 89(i)		
		10P ɔ k R̄ ε i 54 □ ɔ R̄ ζ		
		81%Q i(ɔ R̄ 80%)		
		5000€K ε ɔ D P 1000€K ζ		
		12-36 ,ʔH'Y r i / / я/ L3 ĩ		
		360 284 71 (A Wq̃ s u ŷ W 79)		
		7 ε Wq s ζ i 10, 11,		
		Æ Æ i W □ è Ç ĩ è H i T Ä □ ŷ W 0 50 ⁻ (32 122 ⁻) Æ Æ i K □ è Ç ĩ è H i T Ä □ ŷ W -20 60 ⁻ (-4 140 ⁻)		
		95% 40 ⁻ (-)		
		-20 60 ⁻ (-4 140 ⁻)		
		15 11 Æ* ä L		
		5 500 1		
		65 ⁵ —		







	- ω º ¯H'Y16 l ƒ⌘⌘ Wq s
	- ω º ¯H'Y32 l ƒ⌘⌘ Wq̂
	.2 ¯H'Y128 ,256 ,512 ,1 ,2
	2.5 l ` ¯E ¯ ¯H'Y128 ,256 ,512 ,1 ,2 ε ¯O ¯H'Y à
	D 3—ζ
	4 /5
	&
	ñ R̄ J n ε ζ
	2 232 4
	-4 , 0.1 l ƒ⌘⌘ Wq̂ s
	R J =,75 100 , i ¯H" l ƒ⌘⌘ Wq s
	1 D ,2Pin,3.81mm l j ¯A ñ ɔ ɔ ¯H A
	R J
	=', ¯I w180' , 2 , 304, ≈3.0,24 21.7 23